

List of Active Domestic Space Act Agreements Signed After July 31, 2017 Citing NASA's "Other Transactions Authority" under the Space Act (51 U.S.C. § 20113(e))
(report as of September 30, 2022)

ROW NO.	PAM ID NUMBER	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL ESTIMATED DOLLAR VALUE OF NASA RESOURCES	CENTER	CENTER TRACKING NUMBER (IF ANY)	EXPECTED AGENCY BENEFIT(S)	LINK TO SIGNED AGREEMENT
1	37142	Orion Labs, LLC	Access to Space-Like Environments to Facilitate Technology Maturation Under the Flight Opportunities Program	9/8/2022	9/8/2023	Non-Reimbursable	\$216,811	AFRC		Space Technology	View Signed Agreement
2	37134	Cal Poly Pomona Foundation	Access to Space-Like Environments to Facilitate Technology Maturation Under the Flight Opportunities Program	9/8/2022	9/8/2023	Non-Reimbursable	\$216,811	AFRC		Space Technology	View Signed Agreement
3	37100	Aerojet Rocketdyne, Inc	Annex to Collaborative Research and Development in the Area of Hypersonic Technologies	9/13/2022	9/13/2023	Reimbursable	\$53,091	AFRC		Aeronautics	View Signed Agreement
4	36917	Supernal, LLC	Annex to Participation in the NASA Advanced Air Mobility National Campaign	5/25/2022	5/25/2027	Non-Reimbursable	\$516,544	AFRC		Aeronautics	View Signed Agreement
5	36916	Supernal, LLC	Participation in the NASA Advanced Air Mobility National Campaign	5/25/2022	5/25/2027	Non-Reimbursable	\$0	AFRC		Aeronautics	View Signed Agreement
6	36582	Overair, Inc	Annex to For Advanced Air Mobility Technology Research And Demonstration Activities	5/25/2022	5/27/2027	Non-Reimbursable	\$516,544	AFRC		Aeronautics	View Signed Agreement

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7	36581	Overair, Inc	For Advanced Air Mobility Technology Research And Demonstration Activities	5/25/2022	5/25/2027	Non-Reimbursable	\$0	AFRC		Aeronautics	View Signed Agreement
8	36580	Ellis & Associates	Annex to For Advanced Air Mobility Technology Research and Demonstration Activities	5/25/2022	5/25/2027	Non-Reimbursable	\$516,544	AFRC		Aeronautics	View Signed Agreement
9	36579	Ellis & Associates	For Advanced Air Mobility Technology Research and Demonstration Activities	5/25/2022	5/25/2027	Non-Reimbursable	\$0	AFRC		Aeronautics	View Signed Agreement
10	36578	Electra Aero, Inc	Annex to For Advanced Air Mobility Technology Research and Demonstration Activities	5/25/2022	5/25/2027	Non-Reimbursable	\$516,544	AFRC		Aeronautics	View Signed Agreement
11	36577	Electra Aero, Inc	For Advanced Air Mobility Technology Research and Demonstration Activities	5/25/2022	5/25/2027	Non-Reimbursable	\$0	AFRC		Aeronautics	View Signed Agreement
12	35583	Sands Aviation Inc	For Use of NASA SOFIA B747 Flight Simulator	1/31/2022	1/31/2025	Reimbursable	\$67,500	AFRC		Aeronautics	View Signed Agreement

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13	35377	SpinLaunch Inc.	SpinLaunch Test Flight FO Rideshare	3/17/2022	3/17/2024	Non-Reimbursable	\$65,294	AFRC		Space Technology	View Signed Agreement
14	35005	Unmanned Experts Inc	Annex to Advanced Air Mobility Technology Research Demonstration Activities - Airspace	7/6/2021	7/6/2026	Non-Reimbursable	\$678,932	AFRC		Aeronautics	View Signed Agreement
15	35004	Unmanned Experts Inc	Advanced Air Mobility Technology Research Demonstration Activities	7/8/2021	7/8/2026	Non-Reimbursable	\$0	AFRC		Aeronautics	View Signed Agreement
16	35003	Joby Aviation, Inc	Annex to Participate in the NASA UAM Grand Challenge	7/8/2021	7/8/2026	Non-Reimbursable	\$592,104	AFRC		Aeronautics	View Signed Agreement
17	35001	Raytheon Company	Annex to Advanced Air Mobility Technology Research and Demonstration Activities - Infrastructure	7/6/2021	7/6/2026	Non-Reimbursable	\$678,932	AFRC		Aeronautics	View Signed Agreement
18	35000	Raytheon Company	Annex to Advanced Air Mobility Technology Research and Demonstration Activities - Infrastructure	7/6/2021	7/6/2026	Non-Reimbursable	\$678,932	AFRC		Aeronautics	View Signed Agreement

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19	34999	Raytheon Company	Advanced Air Mobility Technology Research and Demonstration Activities	7/6/2021	7/6/2026	Non-Reimbursable	\$0	AFRC		Aeronautics	View Signed Agreement
20	34998	Robust Analytics	Annex to Advanced Air Mobility Technology Research and Demonstration Activities - Infrastructure	7/6/2021	7/6/2026	Non-Reimbursable	\$678,932	AFRC		Aeronautics	View Signed Agreement
21	34997	Robust Analytics	Advanced Air Mobility Technology Research and Demonstration Activities	7/6/2021	7/6/2026	Non-Reimbursable	\$0	AFRC		Aeronautics	View Signed Agreement
22	34996	AURA Network Systems	Annex to Advanced Air Mobility Technology Research and Demonstration Activities	7/6/2021	7/6/2026	Non-Reimbursable	\$678,932	AFRC		Aeronautics	View Signed Agreement
23	34995	AURA Network Systems	Advanced Air Mobility Technology Research and Demonstration Activities	7/6/2021	7/6/2026	Non-Reimbursable	\$0	AFRC		Aeronautics	View Signed Agreement
24	34994	University of North Texas	Annex to Advanced Air Mobility Technology Research and Demonstration Activities - Infrastructure	7/6/2021	7/6/2026	Non-Reimbursable	\$678,932	AFRC		Aeronautics	View Signed Agreement

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25	34993	University of North Texas	Advanced Air Mobility Technology Research and Demonstration Activities	7/6/2021	7/6/2026	Non-Reimbursable	\$0	AFRC		Aeronautics	View Signed Agreement
26	34991	ARINC Incorporated	Annex to Participation in the NASA UAM Grand Challenge - Airspace	7/6/2021	7/6/2026	Non-Reimbursable	\$678,932	AFRC		Aeronautics	View Signed Agreement
27	34990	SkyGrid, LLC	Annex to Advanced Air Mobility Technology Research and Demonstration Activities - Infrastructure	7/6/2021	7/6/2026	Non-Reimbursable	\$678,932	AFRC		Aeronautics	View Signed Agreement
28	34989	SkyGrid, LLC	Annex to Advanced Air Mobility Technology Research and Demonstration Activities - Airspace	7/6/2021	7/6/2026	Non-Reimbursable	\$678,932	AFRC		Aeronautics	View Signed Agreement
29	34988	SkyGrid, LLC	Advanced Air Mobility Technology Research and Demonstration Activities	7/6/2021	7/6/2026	Non-Reimbursable	\$0	AFRC		Aeronautics	View Signed Agreement
30	34987	OneSky Systems Inc	Annex to Advanced Air Mobility Technology Research and Demonstration Activities - Airspace	7/6/2021	7/6/2026	Non-Reimbursable	\$678,932	AFRC		Aeronautics	View Signed Agreement

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31	34986	OneSky Systems Inc	Advanced Air Mobility Technology Research and Demonstration Activities	7/6/2021	7/6/2026	Non-Reimbursable	\$0	AFRC		Aeronautics	View Signed Agreement
32	34985	Metron Aviation, Inc	Annex to Advanced Air Mobility Technology Research and Demonstration Activities	7/6/2021	7/6/2026	Non-Reimbursable	\$678,932	AFRC		Aeronautics	View Signed Agreement
33	34984	Metron Aviation, Inc	Advanced Air Mobility Technology Research and Demonstration Activities	7/6/2021	7/6/2026	Non-Reimbursable	\$0	AFRC		Aeronautics	View Signed Agreement
34	34983	Avision, INC	Annex to Advanced Air Mobility Technology Research and Demonstration Activities	7/6/2021	7/6/2026	Non-Reimbursable	\$678,932	AFRC		Aeronautics	View Signed Agreement
35	34982	Avision, Inc	Advanced Air Mobility Technology Research and Demonstration Activities	7/6/2021	7/6/2026	Non-Reimbursable	\$0	AFRC		Aeronautics	View Signed Agreement
36	34981	ANRA Technologies, LLC	Annex to Advanced Air Mobility Technology Research and Demonstration Activities - Aerospace	7/6/2021	7/6/2026	Non-Reimbursable	\$678,932	AFRC		Aeronautics	View Signed Agreement

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37	34980	ANRA Technologies, LLC	Advanced Air Mobility Technology Research and Demonstration Activities	7/6/2021	7/6/2026	Non-Reimbursable	\$0	AFRC		Aeronautics	View Signed Agreement
38	34979	Wisk Aero, LLC	Annex to Participation in the NASA AAM National Campaign - Flight Annex	7/6/2021	7/6/2026	Non-Reimbursable	\$592,104	AFRC		Aeronautics	View Signed Agreement
39	34978	Reliable Robotics Corporation	Annex to Advanced Air Mobility Technology Research and Demonstration Activities - Flight Annex	7/6/2021	7/6/2026	Non-Reimbursable	\$592,104	AFRC		Aeronautics	View Signed Agreement
40	34977	Reliable Robotics Corporation	Advanced Air Mobility Technology Research and Demonstration Activities	7/6/2021	7/6/2026	Non-Reimbursable	\$0	AFRC		Aeronautics	View Signed Agreement
41	34443	Alaka'i Technologies Corporation	Annex to Participation in the NASA AAM National Campaign	10/2/2020	10/2/2025	Non-Reimbursable	\$592,104	AFRC		Aeronautics	View Signed Agreement
42	34442	Alaka'i Technologies Corporation	Participation in the NASA AAM National Campaign	10/2/2020	10/2/2025	Non-Reimbursable	\$0	AFRC		Aeronautics	View Signed Agreement

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43	34439	Wisk Aero, LLC	AAM National Campaign - 1 Vehicle Provider Information Exchange Annex	10/22/2020	10/22/2025	Non-Reimbursable	\$592,104	AFRC		Aeronautics	View Signed Agreement
44	34436	Wisk Aero, LLC	Participation in the NASA AAM National Campaign	10/22/2020	10/22/2025	Non-Reimbursable	\$0	AFRC		Aeronautics	View Signed Agreement
45	33844	University Enterprises Corporation at California State University San Bernarndino	To Evaluate, Prototype, and Conduct Market Research on technologies within the Technology Transfer Patent Portfolio	3/1/2022	3/1/2023	Non-Reimbursable	\$14,500	AFRC		Aeronautics	View Signed Agreement
46	33843	University Enterprises Corporation at California State University San Bernarndino	Non-Reimburseable Space Act Agreement For Collaborative Opportunities for Technology Development	3/1/2022	3/1/2027	Non-Reimbursable	\$0	AFRC		Aeronautics	View Signed Agreement
47	33568	Federal Aviation Administration	Annex to Non-Reimbursable Umbrella between NASA AFRC and FAA for Initial Independent Airworthiness Development and Flight Test Evaluation	4/20/2021	4/20/2023	Non-Reimbursable	\$11,968	AFRC		Aeronautics	View Signed Agreement
48	33352	Logistic Air, LLC	For Use of NASA SOFIA B747 Flight Simulator	10/19/2021	10/19/2024	Reimbursable	\$27,000	AFRC		Aeronautics	View Signed Agreement

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49	33089	Bell Textron, Inc	Annex to Hybrid-Electric System Integration, Development and Testing Activities	1/15/2020	8/8/2024	Non-Reimbursable	\$592,104	AFRC		Aeronautics	View Signed Agreement
50	33088	The Boeing Company	Grand Challenge Vehicle Provider Information Exchange Annex	2/28/2020	2/28/2025	Non-Reimbursable	\$592,104	AFRC		Aeronautics	View Signed Agreement
51	33087	The Boeing Company	Participation in the NASA UAM Grand Challenge	2/28/2020	2/28/2025	Non-Reimbursable	\$0	AFRC		Aeronautics	View Signed Agreement
52	33085	Zeva, Inc (dba Zeva Aero)	Grand Challenge Vehicle Provider Information Exchange Annex	2/3/2020	2/3/2025	Non-Reimbursable	\$592,104	AFRC		Aeronautics	View Signed Agreement
53	33084	Zeva, Inc (dba Zeva Aero)	Participation in the NASA UAM Grand Challenge	2/3/2020	2/3/2025	Non-Reimbursable	\$0	AFRC		Aeronautics	View Signed Agreement
54	33081	The University of North Texas	Grand Challenge - Development Test Airspace Annex	2/3/2020	2/3/2025	Non-Reimbursable	\$678,932	AFRC		Aeronautics	View Signed Agreement

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55	33080	The University of North Texas	Participation in the NASA UAM Grand Challenge	2/3/2020	2/3/2025	Non-Reimbursable	\$0	AFRC		Aeronautics	View Signed Agreement
56	33079	Uber Technologies, Inc	Grand Challenge - Development Test Airspace Annex	2/3/2020	2/3/2025	Non-Reimbursable	\$678,932	AFRC		Aeronautics	View Signed Agreement
57	33078	Uber Technologies, Inc	Participation in the NASA UAM Grand Challenge	2/3/2020	2/3/2025	Non-Reimbursable	\$0	AFRC		Aeronautics	View Signed Agreement
58	33076	Prodentity, LLC	Grand Challenge Vehicle Provider Information Exchange Annex	2/3/2020	2/3/2025	Non-Reimbursable	\$592,104	AFRC		Aeronautics	View Signed Agreement
59	33075	Prodentity, LLC	Participation in the NASA UAM Grand Challenge	2/3/2020	2/3/2025	Non-Reimbursable	\$0	AFRC		Aeronautics	View Signed Agreement
60	33073	OneSky Systems Inc	Grand Challenge - Development Test Airspace Annex	2/3/2020	2/3/2025	Non-Reimbursable	\$678,932	AFRC		Aeronautics	View Signed Agreement

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61	33072	OneSky Systems Inc	Participation in the NASA UAM Grand Challenge	2/3/2020	2/3/2025	Non-Reimbursable	\$0	AFRC		Aeronautics	View Signed Agreement
62	33065	NFT, Inc	Grand Challenge Vehicle Provider Information Exchange Annex	2/3/2020	2/3/2025	Non-Reimbursable	\$592,104	AFRC		Aeronautics	View Signed Agreement
63	33064	NFT, Inc	Participation in the NASA UAM Grand Challenge	2/3/2020	2/3/2025	Non-Reimbursable	\$0	AFRC		Aeronautics	View Signed Agreement
64	33063	Metron Aviation, Inc	Grand Challenge - Development Test Airspace Annex	2/3/2020	2/3/2025	Non-Reimbursable	\$678,932	AFRC		Aeronautics	View Signed Agreement
65	33062	Metron Aviation, Inc	Participation in the NASA UAM Grand Challenge	2/3/2020	2/3/2025	Non-Reimbursable	\$0	AFRC		Aeronautics	View Signed Agreement
66	33059	GeoRq LLC	Grand Challenge - Development Test Airspace Annex	2/3/2020	2/3/2025	Non-Reimbursable	\$678,932	AFRC		Aeronautics	View Signed Agreement

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67	33058	GeoRq LLC	Participation in the NASA UAM Grand Challenge	2/3/2020	2/3/2025	Non-Reimbursable	\$0	AFRC		Aeronautics	View Signed Agreement
68	33057	Ellis & Associates	Grand Challenge - Development Test Airspace Annex	2/3/2020	2/3/2025	Non-Reimbursable	\$678,932	AFRC		Aeronautics	View Signed Agreement
69	33056	Ellis & Associates	Participation in the NASA UAM Grand Challenge	2/3/2020	2/3/2025	Non-Reimbursable	\$0	AFRC		Aeronautics	View Signed Agreement
70	33055	Avision, Inc	Grand Challenge - Development Test Airspace Annex	2/3/2020	2/3/2025	Non-Reimbursable	\$678,932	AFRC		Aeronautics	View Signed Agreement
71	33054	Avision, Inc	Participation in the NASA UAM Grand Challenge	2/3/2020	2/3/2025	Non-Reimbursable	\$0	AFRC		Aeronautics	View Signed Agreement
72	33039	ARINC Incorporated	Grand Challenge - Development Test Airspace Annex	2/3/2020	2/3/2025	Non-Reimbursable	\$678,932	AFRC		Aeronautics	View Signed Agreement

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73	33038	ARINC Incorporated	Participation in the NASA UAM Grand Challenge	2/3/2020	2/3/2025	Non-Reimbursable	\$0	AFRC		Aeronautics	View Signed Agreement
74	33037	ANRA Technologies, LLC	Grand Challenge - Development Test Airspace Annex	2/3/2020	2/3/2025	Non-Reimbursable	\$678,932	AFRC		Aeronautics	View Signed Agreement
75	33036	ANRA Technologies, LLC	Participation in the NASA UAM Grand Challenge	2/3/2020	2/3/2025	Non-Reimbursable	\$0	AFRC		Aeronautics	View Signed Agreement
76	33035	AiRXOS, Inc	Grand Challenge - Development Test Airspace Annex	3/2/2020	3/2/2025	Non-Reimbursable	\$678,932	AFRC		Aeronautics	View Signed Agreement
77	33034	AiRXOS, Inc	Participation in the NASA UAM Grand Challenge	3/2/2020	3/2/2025	Non-Reimbursable	\$0	AFRC		Aeronautics	View Signed Agreement
78	33033	Airmap, Inc	Participation in the NASA UAM Grand Challenge - Development Test Airspace Annex	2/3/2020	2/3/2025	Non-Reimbursable	\$678,932	AFRC		Aeronautics	View Signed Agreement

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79	33032	Airmap, Inc	Participation in the NASA UAM Grand Challenge	2/3/2020	2/3/2025	Non-Reimbursable	\$0	AFRC		Aeronautics	View Signed Agreement
80	33031	Joby Aviation, Inc	Grand Challenge - Development Test Flight Annex	2/19/2020	2/19/2025	Non-Reimbursable	\$592,104	AFRC		Aeronautics	View Signed Agreement
81	33030	Joby Aviation, Inc	Participation in the NASA UAM Grand Challenge	2/19/2020	2/19/2025	Non-Reimbursable	\$0	AFRC		Aeronautics	View Signed Agreement
82	32757	AeroVironment, Inc.	Small Unmanned Aircraft System (SUAS)Testing and Training	11/10/2020	11/10/2025	Reimbursable	\$116,000	AFRC		Aeronautics	View Signed Agreement
83	32489	Virgin Galactic Holdings	Collaborative Medical Device Development in Response to COVID-19 Pandemic	4/22/2020	4/22/2023	Non-Reimbursable	\$0	AFRC		Space Technology	View Signed Agreement
84	32339	Fenix Space, Inc.	Supporting Development of a Tow-glider Launch Platform through Aerodynamic Store Separation Analysis, Range Safety Studies, and Con-Ops Development	5/27/2020	5/27/2025	Reimbursable	\$75,552	AFRC		Aeronautics	View Signed Agreement

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85	32338	Fenix Space, Inc.	Development of Tow-glider Launch Platform	5/27/2020	5/27/2025	Reimbursable	\$0	AFRC		Aeronautics	View Signed Agreement
86	32161	Learjet, Inc	Business Jet Flight Test Support	5/17/2021	5/17/2026	Reimbursable	\$0	AFRC		Aeronautics	View Signed Agreement
87	31875	Stratolaunch, LLC	Annex to Support Flight Operations of the Stratolaunch Carrier Aircraft	6/18/2020	2/13/2025	Reimbursable	\$225,000	AFRC		Aeronautics	View Signed Agreement
88	31694	Stratolaunch, LLC	To Support Flight Operations of the Stratolaunch Carrier Aircraft	2/13/2020	2/13/2025	Reimbursable	\$417,708	AFRC		Aeronautics	View Signed Agreement
89	31693	Stratolaunch, LLC	To Support Flight Operations of the Stratolaunch Carrier Aircraft	2/13/2020	2/13/2025	Reimbursable	\$0	AFRC		Aeronautics	View Signed Agreement
90	31588	Lockheed Martin	Annex to NASA ER-2 Low Power Laser Demonstrator (LPLD)	1/8/2020	11/27/2022	Reimbursable	\$346,453	AFRC		Aeronautics	View Signed Agreement

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91	30284	General Electric Aviation	General Electric Aviation Use of NASA SOFIA B747 Flight Simulator	5/8/2019	5/8/2024	Reimbursable	\$90,000	AFRC		Aeronautics, Science	View Signed Agreement
92	30150	Federal Aviation Administration	Collaboration between NASA and FAA on the Development of Autonomous Systems Guidelines for More Efficient Process to Gain Certification.	6/26/2019	6/26/2024	Non-Reimbursable	\$350,444	AFRC		Aeronautics	View Signed Agreement
93	30149	Federal Aviation Administration	Non-Reimbursable Umbrella between NASA AFRC and FAA for Development of Flight Safety and Autonomous System Technologies and Processes	6/26/2019	6/26/2024	Non-Reimbursable	\$0	AFRC		Aeronautics	View Signed Agreement
94	27967	Aerovironment, Inc	Unmanned Aircraft Systems (UAS) Testing	11/14/2018	11/14/2023	Reimbursable	\$0	AFRC		Aeronautics	View Signed Agreement
95	26974	Bell Textron, Inc	Hybrid-Electric System Integration, Development and Testing Activities	8/8/2019	8/8/2024	Non-Reimbursable	\$0	AFRC		Aeronautics	View Signed Agreement
96	25811	Lockheed Martin	NASA ER-2 Low Power Laser Demonstrator (LPLD)	11/27/2017	11/27/2022	Reimbursable	\$0	AFRC		Science	View Signed Agreement

List of Active Domestic Space Act Agreements Signed After July 31, 2017 Citing NASA's "Other Transactions Authority" under the Space Act (51 U.S.C. § 20113(e))
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97	25562	Safety Technology Holdings, Incorporated	Reimbursable Space Act Agreement to support the test setup and evaluation of the FOSS technology in anthropomorphic test device.	12/7/2017	12/7/2022	Reimbursable	\$10,090	AFRC		Technology Transfer	View Signed Agreement
98	37563	Northrop Grumman Corporation	Annex Four under the Reimbursable Space Act Umbrella Agreement (PAM ID: 31359) between NASA Ames Research Center and Northrop Grumman Corporation for Wind Tunnel Testing	9/30/2022	9/29/2023	Reimbursable	\$4,400,000	ARC	SAA2-403514-4	Aeronautics	View Signed Agreement
99	37430	Firefly Aerospace, Inc	Non-Reimbursable Space Act Agreement between NASA ARC and FireFly Aerospace, Inc. for Providing Integration and Launch Services for TechEdSat-15 (TES-15) on FireFly Aerospace Alpha Launch Vehicle Test Flight 2	9/9/2022	9/8/2023	Non-Reimbursable	\$76,853	ARC	SAA2-403722	Space Technology	View Signed Agreement
100	37314	Xwing, Inc.	Annex One under Non-Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Xwing, Inc for Developing Processes and Procedures that Safely Enable Increasingly-Autonomous Aviation in the National Airspace	9/27/2022	9/26/2025	Non-Reimbursable	\$1,078,213	ARC	SAA2-403718-1	Aeronautics	View Signed Agreement
101	37306	Xwing, Inc.	Non-Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Xwing, Inc for Developing Processes and Procedures that Safely Enable Increasingly-Autonomous Aviation in the National Airspace	9/27/2022	9/26/2027	Non-Reimbursable	\$0	ARC	SAA2-403718	Aeronautics	View Signed Agreement
102	37254	Autonomy Association International, Inc	Annex One under Non-Reimbursable Space Act Umbrella Agreement between NASA Ames Research Center and Autonomy Association International for Collaborative Research in the Application of NASA Aeronautics Technologies, Facilities, and Services	9/7/2022	9/30/2023	Non-Reimbursable	\$235,122	ARC	SAA2-403715-1	Aeronautics	View Signed Agreement

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103	37253	Autonomy Association International, Inc	Non-Reimbursable Space Act Umbrella Agreement between NASA Ames Research Center and Autonomy Association International for Collaborative Research in the Application of NASA Aeronautics Technologies, Facilities, and Services	9/7/2022	9/6/2027	Non-Reimbursable	\$0	ARC	SAA2-403715	Aeronautics	View Signed Agreement
104	36965	Naval Information Warfare Center Pacific	Annex Two under Non-Reimbursable Umbrella Interagency Agreement between NASA ARC and Naval Information Warfare Center for Small Satellite Advanced Technologies	8/19/2022	8/18/2024	Non-Reimbursable	\$131,582	ARC	SAA2-403694-2	Space Technology	View Signed Agreement
105	36781	In Orbit Aerospace	Annex One under Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and In Orbit Aerospace for Support of a Re-Entry Capsule	6/21/2022	6/20/2023	Non-Reimbursable	\$23,774	ARC	SAA2-403697-1	Space Technology	View Signed Agreement
106	36780	In Orbit Aerospace	Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and In Orbit Aerospace for Support of a Re-Entry Capsule	6/21/2022	6/20/2027	Non-Reimbursable	\$0	ARC	SAA2-403697	Space Technology	View Signed Agreement
107	36774	The Boeing Company	Annex Three to Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and the Boeing Company for Wind Tunnel Testing	7/6/2022	7/5/2023	Reimbursable	\$3,842,131	ARC	SAA2-403460-3	Aeronautics	View Signed Agreement
108	36626	Naval Information Warfare Center Pacific	Annex One under Non-Reimbursable Umbrella Interagency Agreement between NASA ARC and Naval Information Warfare Center for Small Satellite Advanced Technologies	8/19/2022	8/18/2023	Non-Reimbursable	\$574,330	ARC	SAA2-403694-1	Space Technology	View Signed Agreement

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109	36625	Naval Information Warfare Center Pacific	Non-Reimbursable Umbrella Interagency Agreement between NASA ARC and Naval Information Warfare Center for Small Satellite Advanced Technologies	8/19/2022	8/18/2027	Non-Reimbursable	\$0	ARC	SAA2-403694	Space Technology	View Signed Agreement
110	36607	Ohio Department of Transportation	Annex Three under NonReimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Ohio Department of Transportation for Advanced Air Mobility Technology Research and Demonstration Activities	6/14/2022	3/31/2025	Non-Reimbursable	\$418,707	ARC	SAA2-403693-3	Aeronautics	View Signed Agreement
111	36573	LAWRENCE LIVERMORE NATIONAL SECURITY, LLC	Non-Reimbursable Space Act Agreement between NASA Ames Research Center and Lawrence Livermore National Security, LLC for Small Satellite Pathfinder Technology Demonstrator Monolithic Optics Payload	7/13/2022	7/12/2025	Non-Reimbursable	\$2,160,128	ARC	SAA2-403692	Space Technology	View Signed Agreement
112	36552	Zipline	Non-Reimbursable Space Act Agreement between NASA Ames Research Center and Zipline for Operation of Autonomous Fleets in US Airspace	6/27/2022	6/26/2024	Non-Reimbursable	\$1,301,427	ARC	SAA2-403691	Aeronautics	View Signed Agreement
113	36263	Ohio Department of Transportation	Non-Reimbursable Annex Two under Umbrella Agreement (No. 34682) between NASA Ames Research Center and Ohio Department of Transportation for Advanced Air Mobility Technology Research and Demonstration Activities	5/11/2022	5/11/2025	Non-Reimbursable	\$2,539,780	ARC	SAA2-403685-2	Aeronautics	View Signed Agreement
114	36226	Canopy Aerospace	Annex One under Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Canopy Aerospace for Thermal Protection System Technology Transfer	4/5/2022	4/5/2025	Reimbursable	\$930,000	ARC	SAA2-403683-1	Space Technology	View Signed Agreement

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115	36225	Canopy Aerospace	Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Canopy Aerospace for Thermal Protection System Technology Transfer	4/5/2022	4/5/2027	Reimbursable	\$0	ARC	SAA2-403683	Space Technology	View Signed Agreement
116	36212	The University of California at Berkeley	Annex One to Non-reimbursable Space Act Umbrella Agreement between NASA Ames Research Center and University of California at Berkeley for Space Exploration, Science and Engineering Research, and STEM Initiatives	2/22/2022	2/22/2027	Non-Reimbursable	\$17,962	ARC	SAA2-403507-1	Aeronautics	View Signed Agreement
117	36125	Naval Information Warfare Center Pacific	NonReimbursable Space Act Agreement between NASA Ames Research Center and Naval Information Warfare Center Pacific for NIWC Pacific/NASA Robotics Technology Initiative	8/3/2022	8/2/2027	Non-Reimbursable	\$32,055	ARC	SAA2-403681	Science	View Signed Agreement
118	35946	AIRT, Inc.	Annex One under Non-Reimbursable Umbrella Space Act Agreement between NASA Ames and AIRT, Inc (D/B/A Droneresponders) for Developing Safety Processes and Procedures to Enable Highly-Automated Aviation for Emergency Response in the National Airspace	4/20/2022	4/20/2025	Non-Reimbursable	\$2,911,122	ARC	SAA2-403675-1	Aeronautics	View Signed Agreement
119	35945	AIRT, Inc.	Non-Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and AIRT, Inc (D/B/A Droneresponders) for Developing Safety Processes and Procedures to Enable Highly-Automated Aviation for Emergency Response in the National Airspace	4/20/2022	4/20/2027	Non-Reimbursable	\$0	ARC	SAA2-403675	Aeronautics	View Signed Agreement
120	35884	Arrow Tech Associates	Annex One under Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Arrow Tech Associates for Wind Tunnel Testing	3/9/2022	3/9/2023	Reimbursable	\$420,000	ARC	SAA2-403674-1	Aeronautics	View Signed Agreement

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121	35883	Arrow Tech Associates	Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Arrow Tech Associates for Wind Tunnel Testing	3/9/2022	3/9/2027	Reimbursable	\$0	ARC	SAA2-403674	Aeronautics	View Signed Agreement
122	35849	KAI, LLC	Reimbursable Space Act Agreement between NASA Ames and Kai, LLC for Modeling and Characterization of Low Density Flexible Thermal Protection Materials for Hypersonic Vehicles	7/26/2022	7/25/2024	Reimbursable	\$183,386	ARC	SAA2-403672	Space Technology	View Signed Agreement
123	35785	Varda Space Industries	Annex 1 under Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Varda Space Industries for Support of a Re-Entry Capsule	12/28/2021	12/28/2022	Reimbursable	\$395,158	ARC	SAA2-403669-1	Space Technology	View Signed Agreement
124	35784	Varda Space Industries	Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Varda Space Industries for Support of a Re-Entry Capsule	12/28/2021	12/28/2026	Reimbursable	\$0	ARC	SAA2-403669	Space Technology	View Signed Agreement
125	35783	Inversion Space	Annex One under Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Inversion Space for Support of a Re-Entry Capsule	2/25/2022	2/25/2023	Reimbursable	\$781,949	ARC	SAA2-403668-1	Space Technology	View Signed Agreement
126	35782	Inversion Space	Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Inversion Space for Support of a Re-Entry Capsule	2/25/2022	2/25/2027	Reimbursable	\$0	ARC	SAA2-403668	Space Technology	View Signed Agreement

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127	35739	Northrop Grumman Systems Corporation	Annex 1 under Non-Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Northrop Grumman Systems Corporation for Unmanned Aircraft Systems for Cargo Transportation	5/11/2022	5/11/2023	Non-Reimbursable	\$126,000	ARC	SAA2-403666-1	Aeronautics	View Signed Agreement
128	35738	Northrop Grumman Systems Corporation	Non-Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Northrop Grumman Systems Corporation for Unmanned Aircraft Systems for Cargo Transportation	5/11/2022	5/11/2027	Non-Reimbursable	\$0	ARC	SAA2-403666	Aeronautics	View Signed Agreement
129	35730	Department of Defense Space Test Program	Non-Reimbursable Interagency Agreement between NASA Ames Research Center and Department of Defense Space Test Program for Demonstration of Small Spacecraft Technologies	3/24/2022	3/24/2027	Non-Reimbursable	\$1,583,848	ARC	SAA2-403665	Space Technology	View Signed Agreement
130	35649	JOBY AVIATION, INC	Annex 1 under Non-Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Joby Aviation for High-Rate Composite Component Manufacturing	6/3/2022	6/2/2024	Non-Reimbursable	\$1,070,633	ARC	SAA2-403660-1	Aeronautics	View Signed Agreement
131	35648	JOBY AVIATION, INC	Non-Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Joby Aviation for High-Rate Composite Component Manufacturing	6/3/2022	6/2/2027	Non-Reimbursable	\$0	ARC	SAA2-403660	Aeronautics	View Signed Agreement
132	35577	Lawrence Livermore National Security, LLC	Annex Three under Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Lawrence Livermore National Security, LLC for Aerospace Research and Testing Activities	9/2/2022	9/1/2023	Reimbursable	\$310,907	ARC	SAA2-403582-3	Aeronautics	View Signed Agreement

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133	35574	LAWRENCE LIVERMORE NATIONAL LABORATORY, LLC	NonReimbursable Space Act Agreement between NASA ARC and Lawrence Livermore National Security, LLC for Supporting High Performance Computing systems	12/15/2021	12/15/2026	Non-Reimbursable	\$30,797	ARC	SAA2-403658	Science	View Signed Agreement
134	35404	Radian Aerospace	Annex One under Reimbursable Space Act Umbrella Agreement between NASA Ames Research Center and Radian Aerospace, Inc. for Supporting Radian Aerospace Commercial Hypersonic Vehicle Development	12/28/2021	12/28/2024	Reimbursable	\$630,493	ARC	SAA2-403654-1	Human Exploration and Operations	View Signed Agreement
135	35403	Radian Aerospace	Reimbursable Space Act Umbrella Agreement between NASA Ames Research Center and Radian Aerospace, Inc. for Supporting Radian Aerospace Commercial Hypersonic Vehicle Development	12/28/2021	12/28/2026	Reimbursable	\$0	ARC	SAA2-403654	Human Exploration and Operations	View Signed Agreement
136	35387	Blue Origin, LLC	Annex Four to Reimbursable Umbrella Space Act Agreement Between the National Aeronautics and Space Administration Ames Research Center and Blue Origin, LLC to Support Blue Origin Commercial Space Transportation Development	3/24/2022	7/13/2023	Reimbursable	\$179,902	ARC	SAA2-403403	Human Exploration and Operations	View Signed Agreement
137	35300	Stratolaunch, Inc.	Annex One under Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Stratolaunch, LLC for Supporting Stratolaunch Commercial Hypersonic Vehicle Development	3/1/2022	3/1/2025	Reimbursable	\$980,000	ARC	SAA2-403646-1	Human Exploration and Operations	View Signed Agreement
138	35299	Stratolaunch, Inc.	Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Stratolaunch, LLC for Supporting Stratolaunch Commercial Hypersonic Vehicle Development	3/1/2022	3/1/2027	Reimbursable	\$0	ARC	SAA2-403646	Human Exploration and Operations	View Signed Agreement

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139	35291	The Boeing Company	Annex One under Non-Reimbursable Umbrella Space Act Agreement between NASA ARC and The Boeing Company to Explore Aircraft Autonomy and Autonomous Systems	5/25/2022	5/24/2024	Non-Reimbursable	\$125,828	ARC	SAA2-403647-1	Aeronautics	View Signed Agreement
140	35290	The Boeing Company	Non-Reimbursable Umbrella Space Act Agreement between NASA ARC and The Boeing Company to Explore Aircraft Autonomy and Autonomous Systems	5/25/2022	5/24/2027	Non-Reimbursable	\$0	ARC	SAA2-403647	Aeronautics	View Signed Agreement
141	35266	Dallas/Fort Worth International Airport Board	Non-Reimbursable Space Act Agreement between NASA Ames Research Center and Dallas/Fort Worth International Airport Board for Data Sharing for NextGen Research and Development	9/29/2021	9/29/2026	Non-Reimbursable	\$338,769	ARC	SAA2-403645	Aeronautics	View Signed Agreement
142	34899	DYNETICS CORP	Annex One under Reimbursable Space Act Umbrella Agreement between NASA Ames Research Center and the Dynetics, Inc. for Wind Tunnel Testing	10/12/2021	10/12/2022	Reimbursable	\$529,692	ARC	SAA2-403636-1	Aeronautics	View Signed Agreement
143	34898	DYNETICS CORP	Reimbursable Space Act Umbrella Agreement between NASA Ames Research Center and the Dynetics, Inc. for Wind Tunnel Testing	10/12/2021	10/12/2026	Reimbursable	\$0	ARC	SAA2-403636	Aeronautics	View Signed Agreement
144	34812	Skydio, Inc.	Annex One to Non-Reimbursable Space Act Umbrella Agreement between NASA Ames Research Center and the Skydio Inc. for Autonomous UAS Technology Research and Development	9/1/2021	9/1/2023	Non-Reimbursable	\$278,220	ARC	SAA2-403630-1	Aeronautics	View Signed Agreement

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145	34811	Skydio, Inc.	Non-Reimbursable Space Act Umbrella Agreement between NASA Ames Research Center and the Skydio Inc. for Autonomous UAS Technology Research and Development	9/1/2021	9/1/2026	Non-Reimbursable	\$0	ARC	SAA2-403630	Aeronautics	View Signed Agreement
146	34678	Microsoft Corporation	Annex One under Non-Reimbursable Space Act Umbrella Agreement between NASA Ames Research Center and Microsoft Corporation for Cloud-Base Simulation Platform Prototype	7/16/2021	1/16/2023	Non-Reimbursable	\$839,441	ARC	SAA2-403624-1	Aeronautics	View Signed Agreement
147	34677	Microsoft Corporation	Non-Reimbursable Space Act Umbrella Agreement between NASA Ames Research Center and Microsoft Corporation for Cloud-Base Simulation Platform Prototype	7/16/2021	7/16/2026	Non-Reimbursable	\$0	ARC	SAA2-403624	Aeronautics	View Signed Agreement
148	34539	The Boeing Company	Non-Reimbursable Space Act Agreement between NASA ARC and Boeing Company for Computational Assessment and Wind Tunnel Data Correlation for a Low Boom Demonstrator Concept	9/27/2021	9/27/2024	Non-Reimbursable	\$45,541	ARC	SAA2-403620	Aeronautics	View Signed Agreement
149	34521	Avision, Inc.	Nonreimbursable Space Act Agreement between NASA Ames Research Center and Avision, Inc for Scalable Traffic Management for Emergency Response Operations (STEReO)	4/27/2021	4/27/2026	Non-Reimbursable	\$1,273,460	ARC	SAA2-403618	Aeronautics	View Signed Agreement
150	34520	AMERICAN AIRLINES, INC	Nonreimbursable Space Act Agreement between NASA ARC and American Airlines, Inc for Human Factors Research	12/28/2021	12/28/2026	Non-Reimbursable	\$2,940,419	ARC	SAA2-403621	Aeronautics	View Signed Agreement

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151	34515	University of Minnesota	Annex One under Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and The University of Minnesota for Space Exploration, Science, and Engineering Research, and STEM Initiative	7/12/2022	7/11/2024	Reimbursable	\$150,000	ARC	SAA2-403617-1	Space Technology	View Signed Agreement
152	34514	University of Minnesota	Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and The University of Minnesota for Space Exploration, Science, and Engineering Research, and STEM Initiative	7/12/2022	7/11/2027	Reimbursable	\$0	ARC	SAA2-403617	Space Technology	View Signed Agreement
153	34471	General Electric Company	Annex One under Non-Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and General Electric Company for Safety Assurance of Flight Critical Systems	5/20/2021	5/20/2024	Non-Reimbursable	\$475,075	ARC	SAA2-403615-1	Aeronautics	View Signed Agreement
154	34470	General Electric Company	Non-Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and General Electric Company for Safety Assurance of Flight Critical Systems	5/20/2021	5/20/2026	Non-Reimbursable	\$0	ARC	SAA2-403615	Aeronautics	View Signed Agreement
155	34243	Founder Institute, Incorporated	Annex Two to Nonreimbursable Space Act Umbrella Agreement between the National Aeronautics and Space Administration Ames Research Center and Founder Institute, Incorporated for Phase 2 - Founder Institute Advanced Technology Accelerator Program	5/20/2021	11/19/2023	Non-Reimbursable	\$21,502	ARC	SAA2-403517-2	Space Technology	View Signed Agreement
156	34095	Chabot Space & Science Center	Annex One to Non-Reimbursable Umbrella Interagency Agreement between NASA ARC and the Chabot Space and Science Center for Framework on Regional Partnership	2/8/2021	2/8/2023	Non-Reimbursable	\$2,400,475	ARC	SAA2-403607-1	Education and/or Public Engagement	View Signed Agreement

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157	34094	Chabot Space & Science Center	Non-Reimbursable Umbrella Interagency Agreement between NASA Ames Research Center and the Chabot Space and Science Center for Framework on Regional Partnership	2/8/2021	2/8/2026	Non-Reimbursable	\$0	ARC	SAA2-403607	Education and/or Public Engagement	View Signed Agreement
158	33913	KAI, LLC	Non-Reimbursable Space Act Agreement between NASA Ames Research Center and KAI, LLC for the Development of Flexible Thermal Protection Systems Materials	2/19/2021	2/19/2023	Non-Reimbursable	\$13,524	ARC	SAA2-403603	Space Technology	View Signed Agreement
159	33288	Rocket Lab USA	Non-Reimbursable Umbrella Space Act Agreement between NASA ARC and Rocket Lab for Space Science, Earth Science, and Engineering Research	10/14/2020	10/14/2025	Non-Reimbursable	\$0	ARC	SAA2-403591	Human Exploration and Operations, Science, Space Technology	View Signed Agreement
160	33215	United States Forest Service	Non-Reimbursable Interagency Agreement between NASA Ames Research Center and United States Forest Service for Scalable Traffic Management for Emergency Response Operations (STEREO)	5/11/2021	5/11/2026	Non-Reimbursable	\$1,869,333	ARC	SAA2-403590	Aeronautics	View Signed Agreement
161	33148	Stanford Blood Center	Non-Reimbursable Space Act Agreement between NASA Ames Research Center and Stanford Blood Center for Blood Drives	10/6/2020	10/6/2025	Non-Reimbursable	\$12,568	ARC	SAA2-403588	Education and/or Public Engagement	View Signed Agreement
162	33083	Virgin Orbit	Annex One under Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Virgin Orbit, LLC for Analysis and Simulation of a Transport Aircraft as a Launch Platform	10/6/2020	10/6/2022	Reimbursable	\$427,452	ARC	SAA2-403586-1	Human Exploration and Operations	View Signed Agreement

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163	33082	Virgin Orbit	Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Virgin Orbit, LLC for Supporting the Maturation of Virgin Orbit's Air-Launched Vehicle System	10/6/2020	10/6/2025	Reimbursable	\$0	ARC	SAA2-403586	Human Exploration and Operations	View Signed Agreement
164	33060	Sentinel Healthcare Corporation	Nonreimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Sentinel Healthcare for a Data-Driven Pandemic Response Management System (COVID-19)	9/8/2020	9/8/2025	Non-Reimbursable	\$0	ARC	SAA2-403585	Space Technology	View Signed Agreement
165	32994	Lawrence Livermore National Security, LLC	Annex Two under RUSAA between NASA ARC and Lawrence Livermore National Security, LLC for Ames Vertical Gun Range Testing for Fundamental Physics	4/5/2021	4/5/2023	Reimbursable	\$184,940	ARC	SAA2-403582-2	Science, Space Technology	View Signed Agreement
166	32993	Lawrence Livermore National Security, LLC	Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Lawrence Livermore National Security, LLC for Aerospace Research and Testing Activities	1/13/2021	1/13/2026	Reimbursable	\$0	ARC	SAA2-403582	Science, Space Technology	View Signed Agreement
167	32992	Purdue University	Annex One under Non-Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Purdue University for Research and Development in Aerospace, Earth Science, and Aviation Systems	12/15/2020	12/15/2025	Non-Reimbursable	\$96,476	ARC	SAA2-403581-1	Aeronautics	View Signed Agreement
168	32991	Purdue University	Non-Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Purdue University for Research and Development in Aerospace, Earth Science, and Aviation Systems	12/15/2020	12/15/2025	Non-Reimbursable	\$0	ARC	SAA2-403581	Aeronautics, Science	View Signed Agreement

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169	32905	California Polytechnic State University	Annex One to Non-reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and California Polytechnic State University for Space Exploration, Science and Engineering Research, and STEM Initiatives	6/20/2021	6/20/2024	Non-Reimbursable	\$96,152	ARC	SAA2-403539-1	Space Technology	View Signed Agreement
170	32865	California Department of Forestry and Fire Protection	Non-Reimbursable Space Act Agreement between NASA Ames Research Center and California Department of Forestry and Fire Protection (CAL FIRE) for Scalable Traffic Management for Emergency Response Operation (STEReO)	4/5/2021	4/5/2026	Non-Reimbursable	\$1,892,439	ARC	SAA2-403576	Aeronautics, Human Exploration and Operations	View Signed Agreement
171	32699	University of Colorado Boulder	Annex 1 to the Non-Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and University of Colorado for Exploration, Development, and Testing of High Temperature Materials for Hypersonics	4/19/2021	4/19/2026	Non-Reimbursable	\$186,242	ARC	SAA2-403529-1	Space Technology	View Signed Agreement
172	32613	Khaled bin Sultan Living Oceans Foundation	Non-Reimbursable Space Act Agreement between NASA Ames and Khaled bin Sultan Living Oceans Foundation for Sharing Data to Improve Benthic Habitat Map	5/15/2021	5/15/2026	Non-Reimbursable	\$126,200	ARC	SAA2-403568	Science	View Signed Agreement
173	32577	Delta Air Lines, Inc.	Non-Reimbursable Space Act Agreement between NASA Ames and Delta Airlines, Inc. for Human Factors Fatigue Research	11/24/2020	11/24/2025	Non-Reimbursable	\$740,892	ARC	SAA2-403566	Aeronautics	View Signed Agreement
174	32574	VERDIGRIS TECHNOLOGIES, INC	Nonreimbursable Space Act Agreement between Verdigris Technologies, Inc. and NASA Ames Research Center for Advanced Sensing and Health Management for Sustainable Habitats	1/27/2021	1/27/2026	Non-Reimbursable	\$182,296	ARC	SAA2-403565	Human Exploration and Operations	View Signed Agreement

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175	32524	San Jose State University	Annex One under Non-reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and San Jose State University for Space Exploration, Science and Engineering Research, and STEM Initiatives	2/18/2021	2/18/2026	Non-Reimbursable	\$93,399	ARC	SAA2-403536-1	Aeronautics, Education and/or Public Engagement	View Signed Agreement
176	32521	Gulfstream Aerospace Corporation	Reimbursable Umbrella Space Act Agreement between NASA Ames and Gulfstream Aerospace Corporation for Wind Tunnel Testing	8/15/2021	8/15/2026	Reimbursable	\$0	ARC	SAA2-403564	Aeronautics	View Signed Agreement
177	32517	MOFFETT FIELD HISTORICAL SOCIETY	Reimbursable Space Act Agreement between NASA Ames Research Center and Moffett Field Historical Society to Support the History of Moffett Field	6/29/2020	6/29/2025	Reimbursable	\$282,542	ARC	SAA2-403562	Education and/or Public Engagement	View Signed Agreement
178	32345	County of Santa Clara Office of the Sheriff	Reimbursable Space Act Agreement between NASA Ames and the County of Santa Clara Office of the Sheriff for Utilization of Moffett Field for Law Enforcement and Emergency Response Capabilities	10/1/2020	9/30/2025	Reimbursable	\$52,443	ARC	SAA2-403555	Institutional and Mission Support	View Signed Agreement
179	32295	American Airlines	Annex One under Nonreimbursable Umbrella Space Act Agreement between NASA Ames Research Center and American Airlines for Collaborative Research to Improve Aviation Safety	3/1/2021	3/1/2024	Non-Reimbursable	\$1,789,221	ARC	SAA2-403551-1	Aeronautics	View Signed Agreement
180	32294	American Airlines	NONREIMBURSABLE SPACE ACT UMBRELLA AGREEMENT BETWEEN THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION AMES RESEARCH CENTER AND AMERICAN AIRLINES FOR COLLABORATIVE RESEARCH TO IMPROVE AVIATION SAFETY	3/1/2021	3/1/2026	Non-Reimbursable	\$0	ARC	SAA2-403551	Aeronautics	View Signed Agreement

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181	32210	SAN JOSE STATE UNIVERSITY	Non-reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and San Jose State University for Space Exploration, Science and Engineering Research, and STEM Initiatives	2/18/2021	2/18/2026	Non-Reimbursable	\$0	ARC	SAA2-403536	Aeronautics, Human Exploration and Operations, Science, Space Technology	View Signed Agreement
182	32209	California Polytechnic State University	Non-reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and California Polytechnic State University for Space Exploration, Science and Engineering Research, and STEM Initiatives	6/20/2021	6/20/2026	Non-Reimbursable	\$0	ARC	SAA2-403539	Aeronautics, Human Exploration and Operations, Science, Space Technology	View Signed Agreement
183	32187	LOCKHEED MARTIN	Reimbursable Space Act Agreement between NASA ARC and Lockheed Martin Corporation for Enhanced Heating Sample Testing at the NASA Ames IHF-LEAF	5/1/2020	12/31/2022	Reimbursable	\$1,603,372	ARC	SAA2-403549	Human Exploration and Operations, Space Technology	View Signed Agreement
184	31973	NISSAN NORTH AMERICA, INC	Annex 1 between NASA ARC and Nissan North America for Distributed Robotics Technology and Integrated Systems	6/12/2020	6/11/2025	Reimbursable	\$2,168,404	ARC	SAA2-403545-1	Space Technology	View Signed Agreement
185	31972	NISSAN NORTH AMERICA, INC	Reimbursable Umbrella Space Act Agreement between NASA ARC and Nissan North America for Research and Development in Robotic Technologies	6/12/2020	6/12/2025	Reimbursable	\$0	ARC	SAA2-403545	Human Exploration and Operations	View Signed Agreement
186	31897	Arizona State University	Annex One to NRUSAA between NASA ARC and Arizona State University for Technology Transfer Academia Infusion	5/22/2020	5/21/2025	Non-Reimbursable	\$62,883	ARC	SAA2-403530-1	Technology Transfer	View Signed Agreement

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187	31896	Arizona State University	Non-reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Arizona State University for Space Exploration, Science and Engineering Research, and STEM Initiatives	5/21/2020	5/21/2025	Non-Reimbursable	\$0	ARC	SAA2-403530	Aeronautics, Human Exploration and Operations, Science, Space Technology, Education and/or Public Engagement, Technology Transfer	View Signed Agreement
188	31890	UNIVERSITY OF COLORADO BOULDER	Non-reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and the University of Colorado at Boulder for Space Exploration, Science and Engineering Research, and STEM Initiatives	4/19/2021	4/19/2026	Non-Reimbursable	\$0	ARC	SAA2-403529	Aeronautics, Human Exploration and Operations, Science, Space Technology	View Signed Agreement
189	31848	SPACE SYSTEMS LORAL, LLC	Annex 1 to Nonreimbursable Umbrella Space Act Agreement between NASA ARC and Space Systems Loral for Robotic and Spacecraft Technology Research	4/16/2020	4/16/2023	Non-Reimbursable	\$62,229	ARC	SAA2-403528-1	Space Technology	View Signed Agreement
190	31847	SPACE SYSTEMS LORAL, LLC	Reimbursable Umbrella Space Act Agreement between NASA ARC and Space Systems Loral for Robotic and Spacecraft Technology Research	4/16/2020	4/16/2025	Non-Reimbursable	\$0	ARC	SAA2-403528	Space Technology	View Signed Agreement
191	31788	STATE OF CALIFORNIA, Department of Parks	Reimbursable Space Act Agreement between NASA Ames Research Center and State of California, Department of Parks, Division of Boating and Waterways for Utilization of Remote Sensing Tools in Aquatic Weed Management in the California Delta	2/19/2021	2/19/2024	Reimbursable	\$1,765,344	ARC	SAA2-403526	Science	View Signed Agreement
192	31474	Uber Technologies Inc	Annex between the National Aeronautics and Space Administration Ames Research Center and Uber Technologies Inc under Space Act Umbrella Agreement No. 27889, SAA2-403420 (Annex Number Two)	2/3/2020	2/3/2023	Non-Reimbursable	\$1,463,871	ARC	SAA2-403420-2	Aeronautics	View Signed Agreement

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193	31447	Founder Institute, Incorporated	Nonreimbursable Space Act Umbrella Agreement between the National Aeronautics and Space Administration Ames Research Center and Founder Institute, Incorporated for the Fostering of Space Entrepreneurship	11/19/2019	11/19/2023	Non-Reimbursable	\$0	ARC	SAA2-403517	Technology Transfer	View Signed Agreement
194	31359	Northrop Grumman Corporation	REIMBURSABLE SPACE ACT UMBRELLA AGREEMENT No.31359/SAA2-403514 BETWEEN NASA ARC AND NORTHROP GRUMMAN CORPORATION FOR WIND TUNNEL TESTING	1/20/2020	1/20/2025	Reimbursable	\$0	ARC	SAA2-403514	Aeronautics	View Signed Agreement
195	31057	The University of California at Berkeley	Non-reimbursable Space Act Umbrella Agreement between NASA Ames Research Center and University of California at Berkeley for Space Exploration, Science and Engineering Research, and STEM Initiatives	2/22/2022	2/22/2027	Non-Reimbursable	\$0	ARC	SAA2-403507	Space Technology	View Signed Agreement
196	31044	NTT Research, Inc.	Reimbursable Space Act Agreement between the National Aeronautics and Space Administration Ames Research Center and NTT Research, Inc. to Benchmark Coherent Ising Machines	11/12/2019	11/12/2024	Reimbursable	\$750,000	ARC	SAA2-403506	Science	View Signed Agreement
197	30884	San Francisco International Airport	Reimbursable Umbrella Space Act Agreement between The National Aeronautics and Space Administration Ames Research Center and San Francisco International Airport City and County of San Francisco for Research and Technologies for Increasing Airport Surface Capacity and Airfield Efficiency.	7/2/2019	7/2/2024	Reimbursable	\$0	ARC	SAA2-403426	Aeronautics	View Signed Agreement
198	30834	Advanced Technologies Group, Inc.	Reimbursable Umbrella Space Act Agreement between NASA ARC and Advanced Technologies Group, Inc. for Wind Tunnel Testing	12/20/2019	12/20/2024	Reimbursable	\$0	ARC	SAA2-403500	Aeronautics	View Signed Agreement

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199	30730	UNIVERSITY OF WASHINGTON	Annex between the National Aeronautics and Space Administration Ames Research Center and the University of Washington Under Space Act Umbrella Agreement Number 30729, SAA2-403496 (Annex Number One)	8/27/2019	11/30/2022	Reimbursable	\$70,000	ARC	SAA2-403496-1	Space Technology	View Signed Agreement
200	30729	UNIVERSITY OF WASHINGTON	Reimbursable Space Act Umbrella Agreement between the National Aeronautics and Space Administration Ames Research Center and the University of Washington for Hardware Development and Testing	8/27/2019	8/27/2024	Reimbursable	\$0	ARC	SAA2-403496	Space Technology	View Signed Agreement
201	30452	Leland Stanford Junior University	Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Leland Stanford Junior University for Aerospace Technology Research, Testing, and Development	12/16/2020	12/16/2025	Reimbursable	\$0	ARC	SAA2-403497	Education and/or Public Engagement	View Signed Agreement
202	30437	Rockwell Collins, Inc	Nonreimbursable Space Act Agreement between the National Aeronautics and Space Administration Ames Research Center and Rockwell Collins, Inc. for Human-Autonomy Teaming Research	8/26/2019	8/26/2023	Non-Reimbursable	\$450,224	ARC	SAA2-403491	Aeronautics	View Signed Agreement
203	30244	GE Flight Efficiency Services, Inc.	Non-Reimbursable Space Act Umbrella Agreement Between the National Aeronautics and Space Administration Ames Research Center and GE Flight Efficiency Services, Inc. for Collaborative Development and Use of NASA ATM-X Testbed for Integrated ATM Research	9/12/2019	9/12/2024	Non-Reimbursable	\$0	ARC	SAA2-403486	Aeronautics	View Signed Agreement
204	29856	Texas A&M Engineering Experiment Station	Non-Reimbursable Space Act Agreement Between NASA Ames and Texas AM Engineering Experiment Station for Investigating Additive Manufacturing of Thermal Protection Material	2/20/2019	2/20/2023	Non-Reimbursable	\$32,675	ARC	SAA2-403455	Space Technology	View Signed Agreement

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205	29462	Voltex Technology, Inc.	Reimbursable Space Act Agreement between the National Aeronautics and Space Administration Ames Research center and Voltex Technology to Explore New Production Methods for Sensor Arrays	7/31/2019	1/31/2023	Reimbursable	\$27,673	ARC	SAA2-403466	Space Technology	View Signed Agreement
206	29399	SkyTran Inc.	Annex One under Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Skytran, Inc. for Personal Rapid Transport System	7/2/2021	1/2/2023	Reimbursable	\$310,755	ARC	SAA2-403462-1	Aeronautics	View Signed Agreement
207	29398	SkyTran Inc.	Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Skytran, Inc. for Personal Rapid Transport System	7/2/2021	7/2/2026	Reimbursable	\$0	ARC	SAA2-403462	Aeronautics	View Signed Agreement
208	29380	The Boeing Company	Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and the Boeing Company for Wind Tunnel Testing	4/27/2020	4/27/2025	Reimbursable	\$0	ARC	SAA2-403460	Aeronautics	View Signed Agreement
209	28878	SOUTHWEST AIRLINES COMPANY	Non-Reimbursable Space Act Agreement between NASA Ames Research Center and Southwest Airlines for Development and Evaluation of an Air Traffic Management System	7/12/2019	12/12/2022	Non-Reimbursable	\$225,914	ARC	SAA2-403448	Aeronautics	View Signed Agreement
210	28389	Air Force Nuclear Weapons Center	Reimbursable Umbrella Interagency Agreement Between the National Aeronautics and Space Administration Ames Research Center and Air Force Nuclear Weapons Center Nuclear Weapons Acquisition Division for Wind Tunnel Testing	6/26/2018	6/26/2023	Reimbursable	\$0	ARC	SAA2-403427	Aeronautics	View Signed Agreement

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211	27890	Uber Technologies Inc	Annex One to the Non-Reimbursable Umbrella Space Act Agreement Between the National Aeronautics and Space Administration Ames Research Center and Uber Technologies Inc for Initial Modeling and Simulations of Urban Air Mobility Operations for Airspace Access and Scalability	5/4/2018	5/4/2023	Non-Reimbursable	\$604,820	ARC	SAA2-403420-1	Aeronautics	View Signed Agreement
212	27889	Uber Technologies Inc	Non-Reimbursable Umbrella Between the National Aeronautics and Space Administration Ames Research Center and Uber Technologies Inc for Research, Development, Testing and Evaluation of an Urban Air Mobility (UAM) System	5/4/2018	5/4/2023	Non-Reimbursable	\$0	ARC	SAA2-403420	Aeronautics	View Signed Agreement
213	27872	Space Exploration Technologies Corp.	Reimbursable Umbrella Space Act Agreement Between the National Aeronautics and Space Administration Ames Research Center and Space Exploration Technologies Corp to Support SpaceX Commercial Space Transportation Development	6/6/2018	6/6/2023	Reimbursable	\$0	ARC	SAA2-403419	Human Exploration and Operations	View Signed Agreement
214	27787	GOOGLE, LLC	Non-Reimbursable Space Act Agreement Between the National Aeronautics and Space Administration Ames Research Center and Google LLC to Analyze the Utilization and Assessment of Googles Emerging Quantum Processors	7/3/2018	7/3/2023	Non-Reimbursable	\$680,962	ARC	SAA2-403407	Science	View Signed Agreement
215	27617	Blue Origin, LLC	Annex One to the Reimbursable Umbrella Space Act Agreement Between the National Aeronautics and Space Administration Ames Research Center and Blue Origin, LLC for Thermal Protection System Material Design Support for Blue Origin	7/13/2018	7/13/2023	Reimbursable	\$568,000	ARC	SAA2-403403-1	Human Exploration and Operations	View Signed Agreement
216	27616	Blue Origin, LLC	Reimbursable Umbrella Space Act Agreement Between the National Aeronautics and Space Administration Ames Research Center and Blue Origin, LLC to Support Blue Origin Commercial Space Transportation Development	7/13/2018	4/13/2024	Reimbursable	\$0	ARC	SAA2-403403	Human Exploration and Operations	View Signed Agreement

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217	27441	AgustaWestland Philadelphia Corporation	Reimbursable Umbrella Space Act Agreement Between the National Aeronautics and Space Administration Ames Research Center and Agusta Westland Philadelphia Corporation for Wind Tunnel Testing	1/29/2018	1/29/2023	Reimbursable	\$0	ARC	SAA2-403286	Aeronautics	View Signed Agreement
218	26743	INTEL CORP	Non-Reimbursable Space Act Agreement between the National Aeronautics and Space Administration Ames Research Center and Intel Corporation for Collaboration to Evaluate NASA`s Computational Performance	9/20/2017	9/19/2023	Non-Reimbursable	\$106,091	ARC	SAA2-403249	Science	View Signed Agreement
219	36925	The University of Akron	Graduate Traineeship on Advances in Materials Science Using Machine Learning	9/28/2022	9/27/2027	Non-Reimbursable	\$124,156	GRC	SAA3-1739	Aeronautics	View Signed Agreement
220	36837	SolAero Technologies Corp.	Atomic Oxygen Testing of Solar Array Materials for LEO Satellite Application	8/28/2022	8/28/2023	Reimbursable	\$110,197	GRC	SAA3-1737	Space Technology	View Signed Agreement
221	36691	SolarSpace LLC	Licensee Consultation to Convert Concentrated Solar Power into Energy via Thermoacoustics	7/9/2022	7/9/2024	Reimbursable	\$8,519	GRC	SAA3-1733	Aeronautics	View Signed Agreement
222	36611	The University of Akron	Modeling of Bird Strike Impacts	7/31/2022	7/31/2023	Non-Reimbursable	\$6,711	GRC	SAA3-1731	Aeronautics	View Signed Agreement

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223	36568	Inmarsat Government, Inc.	Communications Services Project Funded Space Act Agreement for Inmarsat Government, Inc.	5/31/2022	5/30/2027	Funded	\$28,628,731	GRC	NNC2236568	Space Technology	View Signed Agreement
224	36567	Telesat U.S. Services, LLC	Communications Services Project Funded Space Act Agreement for Telesat U.S. Services, LLC	5/31/2022	5/30/2027	Funded	\$30,654,565	GRC	NNC2236567	Space Technology	View Signed Agreement
225	36565	KGS, LLC	Communications Services Project Funded Space Act Agreement for KGS, LLC.	5/31/2022	5/30/2027	Funded	\$67,000,000	GRC	NNC2236565	Space Technology	View Signed Agreement
226	36564	Space Exploration Technologies, Corp.	Communications Services Project Funded Space Act Agreement for Space Exploration Technologies, Corp.	5/31/2022	5/30/2027	Funded	\$69,955,973	GRC	NNC2236564	Space Technology	View Signed Agreement
227	36563	SES Government Solutions, Inc.	Communications Services Project	5/31/2022	5/30/2027	Funded	\$28,963,792	GRC	NNC2236563	Space Technology	View Signed Agreement
228	36547	Viasat, Inc.	Communications Services Project	5/31/2022	5/30/2027	Funded	\$53,345,718	GRC	NNC2236547	Space Technology	View Signed Agreement

List of Active Domestic Space Act Agreements Signed After July 31, 2017 Citing NASA's "Other Transactions Authority" under the Space Act (51 U.S.C. § 20113(e))
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ROW NO.	PAM ID NUMBER	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL ESTIMATED DOLLAR VALUE OF NASA RESOURCES	CENTER	CENTER TRACKING NUMBER (IF ANY)	EXPECTED AGENCY BENEFIT(S)	LINK TO SIGNED AGREEMENT
229	36507	Aerojet Rocketdyne, Inc.	Annex No. 7 under SAA3-1639 Upper Stage Engine Manufacturing, Testing, and Evaluation Umbrella Agreement for Aerojet Rocketdyne, Inc.	6/4/2022	6/4/2024	Reimbursable	\$567,288	GRC	SAA3-1639-7	Space Technology	View Signed Agreement
230	36406	UNIVERSITY OF ARIZONA	Perovskite Stress Analysis for Lunar Applications	7/31/2022	7/31/2025	Non-Reimbursable	\$24,044	GRC	SAA3-1725	Space Technology	View Signed Agreement
231	36308	Nanopath, Inc.	Electromagnetic Simulations for Device Designs of Optical Sensing Substrates	4/11/2022	4/11/2024	Reimbursable	\$21,754	GRC	SAA3-1722	Aeronautics	View Signed Agreement
232	36291	Radian Aerospace Incorporated	Polymer Aerogel Multi-layer Insulation (MLI) for Liquid Oxygen (LOX) Tank Thermal Protection System (TPS) Solution with Radian Aerospace Inc. (Reimbursable)	8/28/2022	8/28/2023	Reimbursable	\$177,737	GRC	SAA3-1726-01	Aeronautics, Human Exploration and Operations, Science, Space Technology, Technology Transfer	View Signed Agreement
233	36290	Radian Aerospace Incorporated	Commercial Space Transport and Aircraft Components Research and Development Activities	8/28/2022	8/27/2027	Reimbursable	\$0	GRC	SAA3-1726	Aeronautics, Human Exploration and Operations, Science, Space Technology, Technology Transfer	View Signed Agreement
234	36156	NATIONAL TECHNOLOGY AND ENGINEERING SOLUTIONS OF SANDIA, LLC	Engineering and Testing Services	1/18/2022	1/18/2024	Reimbursable	\$222,526	GRC	SAA3-1702	Aeronautics, Space Technology	View Signed Agreement

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235	36061	ASTROBOTIC TECHNOLOGY, INC	Annex No. 07 to SAA8-1930516 for VIPER Egress Test	5/5/2022	5/5/2024	Reimbursable	\$35,885	GRC	SAA8-1930516-07	Science	View Signed Agreement
236	36027	Space Exploration Technologies Corp.	Annex No. 2 under SAA3-1708 to Spaceflight and Spaceflight Hardware Related Analysis, Services, Testing, and Expertise	9/4/2022	9/4/2025	Reimbursable	\$1,667,304	GRC	SAA3-1708-2	Space Technology	View Signed Agreement
237	36012	Dayton Development Coalition	2022 Ohio Space Forum	3/15/2022	3/15/2023	Non-Reimbursable	\$5,026	GRC	SAA3-1713	Education and/or Public Engagement	View Signed Agreement
238	35973	BLUE ORIGIN, LLC	Blue Origin Ground Test of Radio Frequency Mass Gauge (RFMG)	5/10/2022	9/10/2023	Reimbursable	\$214,592	GRC	SAA3-1714	Human Exploration and Operations, Space Technology	View Signed Agreement
239	35746	SIKORSKY AIRCRAFT CORP	Dynamic Crush and Impact Testing and Modeling of Woven IM7/8552 Composite Material	2/23/2022	2/23/2024	Non-Reimbursable	\$89,891	GRC	SAA3-1712	Aeronautics	View Signed Agreement
240	35681	UNIVERSITY OF PITTSBURGH	Calculation of EBC Thermal Dynamic Properties from Machine-Learning Derived Atomistic Potentials	3/24/2022	3/24/2024	Non-Reimbursable	\$11,747	GRC	SAA3-1709	Science	View Signed Agreement

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241	35328	LORD Corporation, a subsidiary of Parker-Hannifin	Lord Torquemeter Performance Test	6/9/2022	6/9/2023	Reimbursable	\$70,629	GRC	SAA3-1716	Aeronautics	View Signed Agreement
242	35262	Space Exploration Technologies Corp.	SPACEFLIGHT AND SPACEFLIGHT HARDWARE RELATED ANALYSIS, SERVICES, TESTING, AND EXPERTISE	9/21/2021	9/21/2026	Reimbursable	\$0	GRC	SAA3-1708	Human Exploration and Operations	View Signed Agreement
243	35235	Miami Valley Career Technical Center	NASA HUNCH (High school students United with NASA to Create Hardware)	6/9/2022	6/8/2027	Non-Reimbursable	\$114,095	GRC	SAA3-1707	Human Exploration and Operations	View Signed Agreement
244	35125	Federal Reserve Bank of Cleveland	Annex No. 1 under NonReimbursable Umbrella Agreement Science, Technology, Engineering, and Mathematics Outreach	2/24/2022	2/24/2023	Non-Reimbursable	\$14,402	GRC	SAA3-1699-01	Education and/or Public Engagement	View Signed Agreement
245	35124	Federal Reserve Bank of Cleveland	SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS (STEM) OUTREACH BETWEEN NASA GRC AND CLEVELAND FED	2/24/2022	2/24/2027	Non-Reimbursable	\$0	GRC	SAA3-1699	Education and/or Public Engagement	View Signed Agreement
246	35018	AURA Network Systems	Annex 2 to Advanced Air Mobility Technology Research and Demonstration Activities with AURA Network Systems (2021 ARMD ACO Award)	7/6/2021	7/6/2026	Non-Reimbursable	\$650,975	GRC	GRC PAM NO 35018	Aeronautics	View Signed Agreement

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247	34776	Federal Aviation Administration	High Ice Water Content Flight Campaign in High Aerosol Concentrations Collaboration Between NASA GRC AND FAA (Non-Reimbursable Activities)	3/26/2022	3/26/2027	Non-Reimbursable	\$1,510,502	GRC	SAA3-1696	Aeronautics	View Signed Agreement
248	34680	Air Force Institute of Technology	Air Force Institute of Technology's support for the Satellite Hosting Atmospheric and Littoral Ocean Water Sensors Project	1/18/2022	1/18/2023	Non-Reimbursable	\$82,554	GRC	SAA3-1700	Science	View Signed Agreement
249	34618	University Circle, Incorporated	University Circle Incorporated Future Connections Partnership	7/29/2022	7/28/2027	Non-Reimbursable	\$77,257	GRC	SAA3-1705	Education and/or Public Engagement	View Signed Agreement
250	34510	Aerojet Rocketdyne, Inc.	Advanced Electric Propulsion System (AEPS) Power Processing Unit (PPU) Environmental Testing	7/27/2021	11/27/2022	Reimbursable	\$198,958	GRC	SAA3-1639-05	Space Technology	View Signed Agreement
251	34340	National Technology and Engineering Solutions of Sandia, LLC	Robust, Autonomous, Fault-Tolerant DC Microgrids	7/21/2021	7/21/2023	Non-Reimbursable	\$503,717	GRC	SAA3-1690	Human Exploration and Operations, Space Technology	View Signed Agreement
252	34317	UNIVERSITY OF NOTRE DAME	Collaborative Research for Fan Noise Generation and Propagation on Advanced Noise Control Fan (ANCF)	5/26/2021	5/26/2026	Non-Reimbursable	\$80,095	GRC	SAA3-1688	Aeronautics	View Signed Agreement

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253	34260	Wright Electric, Inc.	NASA/Wright Electric Power Electronic Technologies for Electrified Aircraft Propulsion (EAP)	7/12/2022	7/12/2024	Non-Reimbursable	\$202,458	GRC	SAA3-1704	Aeronautics	View Signed Agreement
254	33997	The SMART Tire Company, LLC	Shape Memory Alloy Modeling and Development with Smart Tire Company	4/11/2021	4/11/2023	Reimbursable	\$110,256	GRC	SAA3-1679	Science, Space Technology	View Signed Agreement
255	33985	ASM International	Artificial Intelligence (AI)/Machine Learning (ML) Enhanced Toolkit to Establish Processing, Structure, Property, Performance (PSPP) Relationships to Accelerate Alloy Development and Increase Performance	1/2/2022	1/2/2025	Non-Reimbursable	\$162,576	GRC	SAA3-1683	Aeronautics	View Signed Agreement
256	33936	JumpStart, Inc.	Commercialization of NASA GRC Technology Efforts with JumpStart, Inc.	4/1/2021	4/1/2026	Non-Reimbursable	\$43,342	GRC	SAA3-1678	Space Technology, Technology Transfer	View Signed Agreement
257	33903	Innoveering, LLC.	Hardware and Control Algorithms for Dual Mode Testing with Innoveering, LLC	10/21/2021	10/21/2023	Non-Reimbursable	\$608,314	GRC	SAA3-1686	Aeronautics	View Signed Agreement
258	33599	Acree Technologies, Inc.	High Temperature Sensors for Advanced Combustion Turbine Applications for Acree Technologies	4/30/2021	4/30/2023	Reimbursable	\$32,698	GRC	SAA3-1674	Aeronautics	View Signed Agreement

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259	33579	ControlX, Inc.	Control Algorithms Dual Mode Testing with ControlX Inc.	3/15/2022	3/15/2024	Non-Reimbursable	\$587,551	GRC	SAA3-1718	Aeronautics	View Signed Agreement
260	33534	The Ohio State University	In-Situ 3-D Printing of Wireless Implant with The Ohio State University	12/2/2020	12/2/2022	Non-Reimbursable	\$31,189	GRC	SAA3-1670	Aeronautics	View Signed Agreement
261	33443	ZIN TECHNOLOGIES, INC	Annex No. 03 to SAA3-1662 for Use of Thermal Vacuum Lab (TVAC) with ZIN (Reimbursable)	12/10/2020	12/10/2023	Reimbursable	\$203,200	GRC	SAA3-1662-03	Space Technology	View Signed Agreement
262	33049	Amazon.Com Services, LLC.	Spacecraft Electric Propulsion Component Development, Manufacturing, Testing and Evaluation	1/5/2021	1/5/2026	Reimbursable	\$0	GRC	SAA3-1663	Space Technology	View Signed Agreement
263	33024	CesiumAstro, Inc.	SmallSat Ka-band Operations User Terminal (SKOUT) Flight Experiments with CesiumAstro	12/2/2020	12/2/2025	Non-Reimbursable	\$150,568	GRC	SAA3-1664	Space Technology	View Signed Agreement
264	32831	Ozark Integrated Circuits Inc.	Fabrication of SiC Integrated Circuits for a Multi-Chip Microprocessor for Extreme Environments	11/2/2020	11/2/2023	Reimbursable	\$164,583	GRC	SAA3-1661	Space Technology	View Signed Agreement

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265	32535	ZIN TECHNOLOGIES, INC	Use of Unique NASA Facilities: Electromagnetic Interference Laboratory (EMI Lab) DreamChaser Task	8/12/2020	8/12/2023	Reimbursable	\$136,514	GRC	SAA3-1662-1	Human Exploration and Operations, Space Technology	View Signed Agreement
266	32534	ZIN TECHNOLOGIES, INC	Use of Unique NASA Facilities (EMI Lab, SDL, TVAC)	8/11/2020	8/11/2025	Reimbursable	\$0	GRC	SAA3-1662	Human Exploration and Operations, Space Technology	View Signed Agreement
267	32206	CASE WESTERN RESERVE UNIVERSITY	A Systematic Data-Analytics Approach to the Design of Interface-Rich Materials	4/15/2021	4/15/2023	Non-Reimbursable	\$21,455	GRC	SAA3-1681	Aeronautics	View Signed Agreement
268	32093	HONEYWELL INTERNATIONAL, INC	Honeywell CLEEN-II Testing in Glenn Advanced Subsonic Combustion Rig (ASCR)	12/2/2020	12/2/2025	Reimbursable	\$1,370,473	GRC	SAA3-1675	Aeronautics	View Signed Agreement
269	31726	Air Force Research Laboratory	Mobile Evaluation of Free-Space Optical Communication Equipment	10/23/2020	10/23/2025	Non-Reimbursable	\$44,595	GRC	SAA3-1657-01	Aeronautics	View Signed Agreement
270	31725	Air Force Research Laboratory	Free-Space Laser/Quantum Communication Research Activities	10/23/2020	10/23/2025	Non-Reimbursable	\$0	GRC	SAA3-1657	Aeronautics	View Signed Agreement

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271	31589	Southwest Research Institute	Great Horned Owl Demonstration and Validation Program with Southwest Research Institute	5/13/2020	5/13/2023	Non-Reimbursable	\$21,468	GRC	SAA3-1658	Aeronautics	View Signed Agreement
272	31584	The Charles Stark Draper Laboratory, Inc.	Collaborative Development of High Temperature SiC Electronics for The Charles Stark Draper Laboratory, Inc.	1/15/2020	1/31/2023	Reimbursable	\$29,654	GRC	SAA3-1646	Science	View Signed Agreement
273	31407	OHIO DEPARTMENT OF NATURAL RESOURCES	A Series of Public Deer Hunts at Plum Brook Station	11/15/2019	11/15/2024	Non-Reimbursable	\$167,603	GRC	SAA3-1632	Institutional and Mission Support	View Signed Agreement
274	31374	GE Research	COLLABORATIVE DEVELOPMENT OF FINITE ELEMENT HPC MULTISCALE MODELING FRAMEWORK	4/30/2020	4/30/2024	Non-Reimbursable	\$157,736	GRC	SAA3-1656	Aeronautics	View Signed Agreement
275	31344	GREAT LAKES SCIENCE CENTER	The Official NASA Glenn Visitor Center	9/30/2019	9/30/2029	Non-Reimbursable	\$0	GRC	SAA3-1630	Education and/or Public Engagement	View Signed Agreement
276	31273	Department of Agriculture	On-Site Shared Services Between NASA GRC and DOA-APHIS-WS at Plum Brook Station and License	10/29/2019	10/29/2024	Non-Reimbursable	\$124,359	GRC	SAA3-1626	Institutional and Mission Support	View Signed Agreement

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277	30756	Aerojet Rocketdyne, Inc.	Upper Stage Engine Manufacturing, Testing, and Evaluation Umbrella Agreement for Aerojet Rocketdyne, Inc.	11/18/2019	11/18/2024	Reimbursable	\$0	GRC	SAA3-1639	Space Technology	View Signed Agreement
278	30392	Rocky River Watershed Council	Restoring Lower Abram Creek at NASA Glenn Research Center	6/24/2019	6/24/2024	Non-Reimbursable	\$3,302	GRC	SAA3-1615	Institutional and Mission Support	View Signed Agreement
279	30296	ANSYS Inc.	Collaboration on Icing Simulation Software Development	1/27/2020	1/27/2024	Non-Reimbursable	\$114,343	GRC	SAA3-1647	Aeronautics	View Signed Agreement
280	30295	THE BOEING COMPANY	Collaborative Icing Research, Simulation Tool Development and Testing Opportunities	3/12/2020	3/12/2023	Non-Reimbursable	\$59,152	GRC	SAA3-1652	Aeronautics	View Signed Agreement
281	29566	A and P Technology, Inc.	Dynamic Energy Absorption in Braided Composite Materials with A and P Technology, Inc.	6/11/2019	6/1/2024	Non-Reimbursable	\$276,623	GRC	SAA3-1612	Aeronautics	View Signed Agreement
282	29551	SureFly, Inc.	Acoustic Measurements on electrified Vertical Take-Off and Landing Urban Air Mobility Vehicle with SureFly, Inc.	8/16/2019	8/16/2024	Non-Reimbursable	\$354,701	GRC	SAA3-1597	Aeronautics	View Signed Agreement

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283	28651	UNIVERSITY OF CINCINNATI	HABSat-2 – Harmful Algal Bloom Satellite 2 with the University of Cincinnati	6/11/2019	12/31/2023	Non-Reimbursable	\$145,450	GRC	SAA3-1613	Science	View Signed Agreement
284	28214	ROLLS-ROYCE CORP	Silicon Carbide Fiber High Temperature Characterization	1/14/2020	1/14/2024	Reimbursable	\$88,015	GRC	SAA3-1606-1	Aeronautics	View Signed Agreement
285	28213	ROLLS-ROYCE CORP	Testing and Analysis of Advanced Turbine Engine Materials, Structures and Components	1/14/2020	1/14/2025	Reimbursable	\$0	GRC	SAA3-1606	Aeronautics	View Signed Agreement
286	28172	BLUE ORIGIN, LLC	Environmental Testing for Fairing Deployment at Plum Brook Station	5/20/2019	5/20/2024	Reimbursable	\$1,571,953	GRC	SAA3-1609-1	Human Exploration and Operations	View Signed Agreement
287	28171	BLUE ORIGIN, LLC	Environmental Testing at Plum Brook Station	5/20/2019	5/20/2024	Reimbursable	\$0	GRC	SAA3-1609	Human Exploration and Operations	View Signed Agreement
288	27738	GENERAL ELECTRIC COMPANY	GE Aviation Low Pressure Ratio Fan and Inlet Technology Test	6/26/2019	6/26/2023	Reimbursable	\$6,960,892	GRC	SAA3-1587	Aeronautics	View Signed Agreement

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289	27606	THE BOEING COMPANY	Shape Memory Alloy Reconfigurable Technology - Vortex Generator (SMART-VG) with The Boeing Company	12/6/2018	12/31/2023	Non-Reimbursable	\$184,268	GRC	SAA3-1589	Aeronautics, Technology Transfer	View Signed Agreement
290	27174	GENERAL ELECTRIC COMPANY	GE Low Pressure Ratio Fan Test	3/28/2019	3/28/2024	Non-Reimbursable	\$5,452,479	GRC	SAA3-1588	Aeronautics	View Signed Agreement
291	26982	Kettering City Schools	NASA HUNCH (High school students United with NASA to Create Hardware)	3/14/2018	3/14/2023	Non-Reimbursable	\$97,136	GRC	SAA3-1545	Human Exploration and Operations, Education and/or Public Engagement	View Signed Agreement
292	26825	ASM INTERNATIONAL	Material Data Management Consortium with ASM International	3/27/2018	3/27/2024	Reimbursable	\$35,696	GRC	SAA3-1550	Aeronautics, Technology Transfer	View Signed Agreement
293	26450	Genesee Valley Educational Partnership	NASA HUNCH (High school students United with NASA to Create Hardware)	5/6/2018	5/6/2023	Non-Reimbursable	\$97,136	GRC	SAA3-1564	Human Exploration and Operations, Education and/or Public Engagement	View Signed Agreement
294	26343	J.I. Case High School	NASA HUNCH (High school students United with NASA to Create Hardware)	3/14/2018	3/14/2023	Non-Reimbursable	\$91,486	GRC	SAA3-1547	Human Exploration and Operations, Education and/or Public Engagement	View Signed Agreement

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295	26342	North Ridgeville High School	NASA HUNCH (High school students United with NASA to Create Hardware)	3/27/2018	3/27/2023	Non-Reimbursable	\$97,136	GRC	SAA3-1554	Human Exploration and Operations, Education and/or Public Engagement	View Signed Agreement
296	26341	PLATTEVILLE HIGH SCHOOL	NASA HUNCH (High school students United with NASA to Create Hardware)	4/22/2018	4/22/2023	Non-Reimbursable	\$92,620	GRC	SAA3-1560	Human Exploration and Operations, Education and/or Public Engagement	View Signed Agreement
297	25538	Cattaraugus-Allegany Board of Cooperative Educational Services	NASA HUNCH (High school students United with NASA to Create Hardware)	3/27/2018	3/27/2023	Non-Reimbursable	\$91,486	GRC	SAA3-1553	Human Exploration and Operations, Education and/or Public Engagement	View Signed Agreement
298	25289	East Troy Community School District	NASA HUNCH (High school students United with NASA to Create Hardware)	3/14/2018	3/14/2023	Non-Reimbursable	\$92,620	GRC	SAA3-1546	Human Exploration and Operations, Education and/or Public Engagement	View Signed Agreement
299	24838	Global Energy Corporation	Development and Testing of a High Power Space Generator	1/7/2018	1/7/2023	Reimbursable	\$0	GRC	SAA3-1529	Science	View Signed Agreement
300	24459	ZIN TECHNOLOGIES, INC	Use of Unique NASA Facilities (EMI Lab, TSC, 1K Clean room)	3/5/2018	3/5/2023	Reimbursable	\$0	GRC	SAA3-1539	Technology Transfer	View Signed Agreement

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301	20780	Friends of NASA Plum Brook Station, LLC	Plum Brook Station Entry Monument Sign	3/19/2018	3/19/2023	Non-Reimbursable	\$5,452	GRC	SAA3-1544	Education and/or Public Engagement	View Signed Agreement
302	37090	SPACE EXPLORATION TECHNOLOGIES CORP	Hubble Space Telescope Reboost Study	9/26/2022	4/1/2023	Non-Reimbursable	\$131,000	GSFC		Space Technology	View Signed Agreement
303	36499	Teltrium Solutions, LLC	NASA SBIR SUPPORT AGREEMENT WITH Teltrium Solutions, LLC	5/6/2022	4/6/2023	Reimbursable	\$61,400	GSFC	36499	Space Technology	View Signed Agreement
304	36376	First Street Foundation	Facilitating Cooperation and Coordination around the Economical, Societal, and Physical Impacts of Current and Future Environmental Changes	7/11/2022	7/10/2027	Non-Reimbursable	\$800,000	GSFC	NASA_FS_36376	Science	View Signed Agreement
305	36365	LOUISIANA STATE UNIVERSITY	Multimessenger Operational Science Support and Astrophysics Information Collaboration (MOSSAIC)	8/1/2022	7/31/2027	Non-Reimbursable	\$51,200	GSFC	NASA-LSU-36365	Science	View Signed Agreement
306	36298	UNITED LAUNCH ALLIANCE, LLC	Annex Eight to ULA Umbrella with Annexes for launch vehicle support	6/27/2022	6/8/2026	Reimbursable	\$257,631	GSFC		Human Exploration and Operations	View Signed Agreement

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ROW NO.	PAM ID NUMBER	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL ESTIMATED DOLLAR VALUE OF NASA RESOURCES	CENTER	CENTER TRACKING NUMBER (IF ANY)	EXPECTED AGENCY BENEFIT(S)	LINK TO SIGNED AGREEMENT
307	36196	UNITED LAUNCH ALLIANCE, LLC	Annex 7 to the ULA Umbrella with Annexes for Launch Vehicle support	6/27/2022	6/8/2026	Reimbursable	\$309,923	GSFC		Human Exploration and Operations	View Signed Agreement
308	36195	UNITED LAUNCH ALLIANCE, LLC	Annex Six to ULA Umbrella with Annexes for launch vehicle support	6/27/2022	6/8/2026	Reimbursable	\$257,631	GSFC	450-AGMT-0180	Human Exploration and Operations	View Signed Agreement
309	36185	Microsoft Corporation	Annex 16 to Non-Reimbursable Space Act Umbrella Agreement between the National Aeronautics and Space Administration Lyndon B. Johnson Space Center and Microsoft Corporation for Strategic Alliance for STEM Education Activities	7/27/2022	2/6/2023	Non-Reimbursable	\$2,000	GSFC	SAA-AD-18-26048	Education and/or Public Engagement	View Signed Agreement
310	36123	THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS	Cross-Cutting Initiative in CUBESAT innovations	6/29/2022	9/30/2023	Reimbursable	\$179,717	GSFC	NASA_UIUC_36123	Science	View Signed Agreement
311	36118	UNITED LAUNCH ALLIANCE, LLC	Annex Five to ULA Umbrella with Annexes for launch vehicle support	6/7/2022	6/7/2026	Reimbursable	\$303,648	GSFC	450-AGMT-0180	Human Exploration and Operations	View Signed Agreement
312	36099	Space Systems Loral	Application of Thermal Control Coatings to Space Flight Hardware	7/15/2022	7/15/2023	Reimbursable	\$65,951	GSFC	SAA5-22-2-R36099	Space Technology	View Signed Agreement

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313	35830	University of Pennsylvania	Utilizing NASA's Technology Transfer University (T2U) Program for dissemination of Goddard's Technology Transfer portfolio	3/15/2022	3/15/2024	Non-Reimbursable	\$5,200	GSFC		Education and/or Public Engagement	View Signed Agreement
314	35626	Gordon and Betty Moore Foundation	Laying the Groundwork for Better Understanding Zoonosis Emergence	12/1/2021	6/1/2023	Reimbursable	\$562,500	GSFC	NASA-Foundation-35626	Science	View Signed Agreement
315	35216	INTUITIVE MACHINES, LLC	Annex to Engineering Analysis and Testing	11/18/2021	11/18/2022	Reimbursable	\$800	GSFC	SAA5-22-1-R35216	Science, Space Technology	View Signed Agreement
316	35144	National Oceanic and Atmospheric Administration	SARSAT MOA	6/17/2021	6/17/2026	Reimbursable	\$949,044	GSFC	450-AGMT-SAR	Human Exploration and Operations	View Signed Agreement
317	35075	AwareAbility Technologies, LLC	X-ray Communication Experiments	11/20/2021	11/20/2022	Reimbursable	\$4,863	GSFC	SAA5-21-4-R35075	Technology Transfer	View Signed Agreement
318	35013	Bishop McNamara High School	NASA CONNECTORS (Connecting High School Students to Researchers)	8/24/2021	8/23/2023	Non-Reimbursable	\$70,100	GSFC		Science	View Signed Agreement

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319	34852	KBR	COLLABORATION ON TECHNICAL SKILL DEVELOPMENT	10/21/2021	10/21/2022	Non-Reimbursable	\$27,300	GSFC		Science, Education and/or Public Engagement	View Signed Agreement
320	34694	HOWARD	Joint Collaborative Framework for Earth Science Studies	3/22/2022	3/21/2027	Non-Reimbursable	\$51,200	GSFC		Science	View Signed Agreement
321	34656	GEORGE WASHINGTON UNIVERSITY	Joint Collaborative Framework for Astrophysical Studies	10/27/2021	10/26/2026	Non-Reimbursable	\$51,200	GSFC	NASA-GWU-34656	Science	View Signed Agreement
322	34562	The University of Maryland	AUGMENTED REALITY AND VIRTUAL REALITY PROGRAM DEVELOPMENT	7/1/2021	7/1/2023	Non-Reimbursable	\$16,800	GSFC	SAA5-21-2-N34562	Science, Space Technology	View Signed Agreement
323	34265	University of Maryland Eastern Shore	Space Exploration, Science and Engineering Research, Business, Computer Science, and STEM Initiatives	9/24/2021	9/23/2026	Non-Reimbursable	\$8,211	GSFC	GSFC-21-34265	Education and/or Public Engagement	View Signed Agreement
324	34264	University of Maryland Eastern Shore	Space Exploration, Science and Engineering Research, Business, Computer Science and STEM Initiatives	9/23/2021	9/23/2026	Non-Reimbursable	\$0	GSFC	GSFC-21-34265 NRSAA Umbrella	Education and/or Public Engagement	View Signed Agreement

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325	34065	UNITED LAUNCH ALLIANCE, LLC	Annex 4 to ULA Umbrella with Annexes for launch vehicle support (Vulcan SNC-1)	6/7/2021	6/7/2026	Reimbursable	\$229,079	GSFC	450-AGMT-0180	Human Exploration and Operations	View Signed Agreement
326	34064	UNITED LAUNCH ALLIANCE, LLC	Annex 3 to ULA Umbrella with Annexes for launch vehicle support (Vulcan Peregrine)	6/7/2021	6/7/2026	Reimbursable	\$241,506	GSFC	450-AGMT-0180	Human Exploration and Operations	View Signed Agreement
327	34061	UNITED LAUNCH ALLIANCE, LLC	Annex 2 to ULA Umbrella with Annexes for launch vehicle support (Atlas V CFT)	6/7/2021	6/7/2026	Reimbursable	\$219,976	GSFC	450-AGMT-0180	Human Exploration and Operations	View Signed Agreement
328	34020	UNITED LAUNCH ALLIANCE, LLC	Annex 1 under the ULA Umbrella for launch vehicle support (Atlas V USSF-8)	6/8/2021	6/8/2026	Reimbursable	\$258,427	GSFC	450-AGMT-0180	Human Exploration and Operations	View Signed Agreement
329	34019	UNITED LAUNCH ALLIANCE, LLC	ULA Umbrella with Annexes for launch vehicle support	6/8/2021	6/8/2026	Reimbursable	\$0	GSFC	450-AGMT-0180	Human Exploration and Operations	View Signed Agreement
330	33729	Prince George's County, Maryland	Facilitation of Commercial Utilization of NASA Technologies for Medical Applications	1/19/2021	1/18/2023	Non-Reimbursable	\$23,000	GSFC	SAA5-2021-1-N33729	Technology Transfer	View Signed Agreement

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331	33525	International High School at Largo	Dissemination of NASA Technologies for Educational Entrepreneurship and Commercialization Studies by Students	4/30/2021	4/30/2024	Non-Reimbursable	\$10,500	GSFC		Education and/or Public Engagement, Technology Transfer	View Signed Agreement
332	33416	Maryland Technology Development Corporation	Economic Development	11/23/2020	11/23/2023	Non-Reimbursable	\$61,400	GSFC	SAA5-2020-33416	Education and/or Public Engagement, Technology Transfer	View Signed Agreement
333	33369	Federal Business Council	Collaboration on Cybersecurity Awareness	1/27/2021	1/27/2026	Non-Reimbursable	\$25,000	GSFC	SAA5-20-4-N33369	Institutional and Mission Support	View Signed Agreement
334	33198	CORNELL UNIVERSITY	Cornell University for Collaborative Exploration and Engineering for Thermal Design, Flight Dynamics and Robotic Sample	10/21/2020	10/21/2022	Non-Reimbursable	\$346,000	GSFC		Science	View Signed Agreement
335	32951	Telophase Corporation	Transfer of Sensing Technologies for Development of a Prototype Rapid Testing Breathalyzer	1/26/2021	1/26/2023	Non-Reimbursable	\$44,835	GSFC	SAA5-2021-1-A32950	Science, Technology Transfer	View Signed Agreement
336	32950	Telophase Corporation	Rapid Detection of Changing Bio-signatures from Existing Pathogens or New Virus Profiles	1/15/2021	1/14/2024	Non-Reimbursable	\$0	GSFC	SAA5-2021-1-U32950	Science, Technology Transfer	View Signed Agreement

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337	32893	L.Garde, Inc.	Development Inflatable Communication Antenna Structures using Green Carbon Foams	4/20/2021	4/20/2024	Non-Reimbursable	\$108,100	GSFC	SAA5-20-4-N32893	Science	View Signed Agreement
338	32879	JOHNS HOPKINS UNIVERSITY / APPLIED PHYSICS LAB	AUGMENTED REALITY AND VIRTUAL REALITY DEVELOPMENT FOR NASA SCIENCE AND ENGINEERING	8/13/2020	8/13/2023	Non-Reimbursable	\$16,800	GSFC	SAA5-20-3-N32879	Technology Transfer	View Signed Agreement
339	32764	Planet Labs Inc.	Orbit Maintenance Coordination w/ GPM & Planet Labs Inc.	11/18/2020	11/18/2025	Non-Reimbursable	\$23,000	GSFC		Science	View Signed Agreement
340	32725	University of Texas at Austin	Annex to Outreach for Space Operations and Mission Problems	10/15/2020	6/8/2025	Non-Reimbursable	\$26,000	GSFC	SAA5-20-3-N32725-A2	Space Technology	View Signed Agreement
341	32661	Maryland Department of the Environment	Supporting Shellfish Aquaculture in the Chesapeake Bay using Artificial Intelligence to Detect Poor Water Quality through Sampling and Remote Sensing	6/17/2021	6/16/2023	Non-Reimbursable	\$231,000	GSFC	NASA-MDE-32661	Science	View Signed Agreement
342	32490	THE UNIVERSITY OF NORTH TEXAS	AUGMENTED REALITY AND VIRTUAL REALITY DEVELOPMENT FOR NASA SCIENCE AND ENGINEERING	6/10/2020	6/10/2023	Non-Reimbursable	\$16,800	GSFC	SAA5-20-3-N32490	Technology Transfer	View Signed Agreement

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343	32423	National Oceanic and Atmospheric Administration	Geostationary Extended Observations (GeoXO)	10/1/2020	9/30/2025	Reimbursable	\$1,100,000,000	GSFC	A2008-013-080-000001-0003	Science	View Signed Agreement
344	31812	University of Texas at Austin	Outreach for Space Operations and Mission Problems	6/8/2020	6/7/2025	Non-Reimbursable	\$56,859	GSFC	31811	Science	View Signed Agreement
345	31811	University of Texas at Austin	Outreach for Space Operations and Mission Problems	6/8/2020	6/7/2025	Non-Reimbursable	\$0	GSFC		Science	View Signed Agreement
346	31605	Earth Networks, Inc.	INFORMATION AND DATA EXCHANGE RELATED TO THE GLOBE PROGRAM	4/29/2020	4/29/2025	Non-Reimbursable	\$17,600	GSFC	SAA5-20-2-N31605	Education and/or Public Engagement	View Signed Agreement
347	31591	UNIVERSITY OF MARYLAND COLLEGE PARK	AUGMENTED REALITY AND VIRTUAL REALITY DEVELOPMENT FOR NASA SCIENCE AND ENGINEERING	9/24/2020	9/24/2023	Non-Reimbursable	\$16,800	GSFC	SAA5-20-1-N31591	Technology Transfer	View Signed Agreement
348	31175	Walgreen Company	NASA GSFC Non-Occupational fee-based influenza clinic	11/12/2019	11/12/2024	Non-Reimbursable	\$420,000	GSFC			View Signed Agreement

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349	31033	Women's National Basketball Players Association	COLLABORATION ON AWARENESS OF NASA TECHNOLOGIES FOR ENTREPRENEURIAL OPPORTUNITIES	10/3/2019	10/3/2022	Non-Reimbursable	\$112,500	GSFC	SAA5-19-4-N31033	Technology Transfer	View Signed Agreement
350	30478	THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	Development of Teaching Activities	8/29/2019	8/28/2024	Reimbursable	\$250,000	GSFC	CU-NASA-30478	Science	View Signed Agreement
351	29833	DIGITALGLOBE, INC	Conjunction Assessment Screening Services	9/11/2019	9/11/2024	Reimbursable	\$508,282	GSFC	SAA5-19-2-R-29833	Science	View Signed Agreement
352	29494	SPACE TELESCOPE SCIENCE INSTITUTE	Loan of Touch Screen System for Display of Science Information	2/13/2019	2/1/2023	Non-Reimbursable	\$3,000	GSFC	29494	Science	View Signed Agreement
353	28411	National Basketball Retired Players Association	COLLABORATION ON AWARENESS OF NASA TECHNOLOGIES FOR ENTREPRENURIAL OPPORTUNITIES	9/14/2018	9/14/2023	Non-Reimbursable	\$112,600	GSFC	SAA5-18-3-N28411	Space Technology, Technology Transfer	View Signed Agreement
354	27393	National Science Foundation	Spacecraft Tracking and Data Acquisition at McMurdo Ground Station (MGS)	10/22/2018	10/22/2023	Non-Reimbursable	\$200,000	GSFC	450-AGMT-0107	Human Exploration and Operations	View Signed Agreement

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355	26985	Defense Special Missile and Aerospace Center	Personnel Access and Expertise Sharing	10/30/2018	10/30/2023	Non-Reimbursable	\$25,983	GSFC	SAA5-18-01-I26985-1	Science	View Signed Agreement
356	25933	INSTITUTE FOR LOCAL INNOVATIONS, INC	IDENTIFYING AND ESTABLISHING TECHNOLOGY TRANSFER OPPORTUNITIES AND COLLABORATIONS	10/2/2017	10/2/2022	Non-Reimbursable	\$8,700	GSFC	SAA5-17-3-N25933	Aeronautics, Science, Technology Transfer	View Signed Agreement
357	25689	National Football League Players Association	COLLABORATION TO COMMERCIALIZE NASA TECHNOLOGIES	5/15/2018	5/13/2025	Non-Reimbursable	\$274,400	GSFC	SAA5-2017-3-N25689	Technology Transfer	View Signed Agreement
358	37401	University of Texas El Paso	For Capstone Experiences to Benefit Cross-Disciplinary University Students - UTEP	9/16/2022	12/31/2022	Non-Reimbursable	\$1,650	HQ		Education and/or Public Engagement	View Signed Agreement
359	37373	John Carroll University	For Capstone Experiences to Benefit Cross-Disciplinary University Students	9/21/2022	12/31/2022	Non-Reimbursable	\$1,650	HQ		Education and/or Public Engagement	View Signed Agreement
360	36810	Therapy Materials Vault	Space Communications and Navigation Speech Therapy Materials	6/24/2022	6/24/2023	Non-Reimbursable	\$1,800	HQ		Education and/or Public Engagement	View Signed Agreement

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361	36288	American Institute of Aeronautics and Astronautics (AIAA) Foundation	Annex 2 to NRSS Between NASA and AIAA Foundation for Increasing Access to Aerospace Education Resources	4/19/2022	4/19/2025	Non-Reimbursable	\$455,250	HQ	35587	Education and/or Public Engagement	View Signed Agreement
362	36101	National Oceanic and Atmospheric Administration	Accommodation and Operation of Libera on JPSS-3	3/31/2022	3/31/2032	Non-Reimbursable	\$163,893,000	HQ		Science	View Signed Agreement
363	36092	Bureau of Land Management	Application for Land Withdrawal and Reservation, Railroad Valley, Nye County, Nevada	2/25/2022	4/30/2023	Non-Reimbursable	\$675,000	HQ		Science	View Signed Agreement
364	36023	Crayola	Annex 1 Under Umbrella SAA between NASA and Crayola Education	4/28/2022	4/28/2027	Non-Reimbursable	\$87,572	HQ		Education and/or Public Engagement	View Signed Agreement
365	36022	Crayola	For STEAM Education and Engagement	4/28/2022	4/28/2027	Non-Reimbursable	\$0	HQ		Education and/or Public Engagement	View Signed Agreement
366	35995	Federal Aviation Administration	annex to For Demonstration of Promising Aviation Concepts and Technology	7/29/2022	1/4/2026	Non-Reimbursable	\$80,990	HQ	31919	Aeronautics	View Signed Agreement

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367	35588	American Institute of Aeronautics and Astronautics (AIAA) Foundation	ANNEX 1 Under Nonreimbursable Space Act Agreement between NASA and AIAA Foundation for Increasing Access to Aerospace Education Resources and Opportunities	1/12/2022	1/12/2024	Non-Reimbursable	\$6,000	HQ	35587	Education and/or Public Engagement	View Signed Agreement
368	35587	American Institute of Aeronautics and Astronautics (AIAA) Foundation	Nonreimbursable Space Act Agreement Between NASA and AIAA Foundation for Increasing Access to Aerospace Education Resources	1/12/2022	1/12/2027	Non-Reimbursable	\$0	HQ		Education and/or Public Engagement	View Signed Agreement
369	35525	National Geographic Partners, LLC	Artemis Imagery	9/23/2021	9/23/2026	Non-Reimbursable	\$2,450,000	HQ	35525	Human Exploration and Operations	View Signed Agreement
370	35270	The Center of Science and Industry	Nonreimbursable Space Act Agreement Between NASA and COSI for Delivering STEM Engagement to Underserved Youth Across the Nation	10/25/2021	10/25/2026	Non-Reimbursable	\$17,187	HQ		Education and/or Public Engagement	View Signed Agreement
371	35190	United States Department of the Interior	Annex 2 for Landsat Next Project Under Nonreimbursable Umbrella Interagency Agreement between NASA and Department of the Interior For Collaboration On Sustainable Land Imaging Projects	2/9/2022	12/6/2031	Non-Reimbursable	\$1,089,926,000	HQ		Science	View Signed Agreement
372	34951	Miles Space, Inc.	SCaN Service Support for Team Miles	7/19/2021	7/19/2023	Reimbursable	\$73,500	HQ	450-AGMT-0185	Space Technology	View Signed Agreement

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373	34890	Peanuts Worldwide, LLC	Annex 2 Under Umbrella Space Act Agreement for Public and Education Outreach and STEM Projects	9/2/2021	9/2/2023	Non-Reimbursable	\$6,375	HQ	SAA-GA-18-27245	Education and/or Public Engagement	View Signed Agreement
374	34746	United States Department of the Interior	Annex 1 for Landsat 9 Project Under Nonreimbursable Umbrella Interagency Agreement between NASA and Department of the Interior For Collaboration On Sustainable Land Imaging Projects	2/9/2022	12/6/2031	Non-Reimbursable	\$16,066,000	HQ		Science	View Signed Agreement
375	34745	United States Department of the Interior	Collaboration on Sustainable Land Imaging Projects	12/6/2021	12/6/2031	Non-Reimbursable	\$0	HQ		Science	View Signed Agreement
376	34711	City of Orlando	annex to Advanced Air Mobility Technology Research and Demonstration Activities	5/7/2021	5/7/2026	Non-Reimbursable	\$250,000	HQ		Aeronautics	View Signed Agreement
377	34710	City of Orlando	Advanced Air Mobility Technology Research and Demonstration Activities	5/7/2021	5/7/2027	Non-Reimbursable	\$0	HQ		Aeronautics	View Signed Agreement
378	34709	Massachusetts Department of Transportation	annex to Advanced Air Mobility Technology Research and Demonstration Activities	5/7/2021	5/7/2026	Non-Reimbursable	\$250,000	HQ		Aeronautics	View Signed Agreement

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379	34708	Massachusetts Department of Transportation	Advanced Air Mobility Technology Research and Demonstration Activities	5/7/2021	5/7/2026	Non-Reimbursable	\$0	HQ		Aeronautics	View Signed Agreement
380	34706	Minnesota Department of Transportation	annex to Advanced Air Mobility Technology Research and Demonstration Activities	5/7/2021	5/7/2026	Non-Reimbursable	\$250,000	HQ		Aeronautics	View Signed Agreement
381	34705	Minnesota Department of Transportation	Advanced Air Mobility Technology Research and Demonstration Activities	5/7/2021	5/7/2026	Non-Reimbursable	\$0	HQ		Aeronautics	View Signed Agreement
382	34704	North Central Texas Council of Governments	annex to Advanced Air Mobility Technology Research and Demonstration Activities	5/7/2021	5/7/2026	Non-Reimbursable	\$250,000	HQ		Aeronautics	View Signed Agreement
383	34701	North Central Texas Council of Governments	Advanced Air Mobility Technology Research and Demonstration Activities	5/7/2021	5/7/2026	Non-Reimbursable	\$0	HQ		Aeronautics	View Signed Agreement
384	34686	Ohio Department of Transportation	annex to Advanced Air Mobility Technology Research and Demonstration Activities	5/7/2021	5/7/2026	Non-Reimbursable	\$250,000	HQ		Aeronautics	View Signed Agreement

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385	34682	Ohio Department of Transportation	Advanced Air Mobility Technology Research and Demonstration Activities	5/7/2021	5/7/2026	Non-Reimbursable	\$0	HQ		Aeronautics	View Signed Agreement
386	34595	United States Department of Agriculture	For STEM Education and Engagement around Trees Grown from Seeds Flown in Space	6/25/2021	6/25/2026	Non-Reimbursable	\$50,625	HQ		Education and/or Public Engagement	View Signed Agreement
387	34122	Gearbox Labs, Inc.	For K-12 STEM Engagement and Education	3/30/2021	3/30/2024	Non-Reimbursable	\$9,625	HQ	34122	Education and/or Public Engagement	View Signed Agreement
388	33818	Orbital ATK, Inc	Small Spacecraft Electric Propulsion (SSEP) System	11/6/2020	11/5/2022	Unfunded	\$998,544	HQ	STMD-SAA-ACO20-0021	Space Technology	View Signed Agreement
389	33812	Rocket Lab USA, Inc	Proposal to the National Aeronautics and Space Administration (NASA) Space Technology Announcement of Collaborative Opportunity	11/6/2020	11/5/2022	Unfunded	\$1,246,814	HQ	STMD-SAA-ACO20-0009	Space Technology	View Signed Agreement
390	33811	Blue Origin, LLC	Increasing Engine Life & Thrust/Weight Through Characterization of Additively Manufactured Alloys	11/6/2020	11/5/2022	Unfunded	\$585,236	HQ	STMD-SAA-ACO20-0034	Space Technology	View Signed Agreement

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391	33810	Phase Four, Inc	Lifetime Trend Testing of the Phase Four RF Thruster for Small Spacecraft Missions	11/6/2020	11/5/2022	Unfunded	\$424,161	HQ	STMD-SAA-ACO20-0056	Space Technology	View Signed Agreement
392	33809	STELLAR EXPLORATION, INC	Qualification Testing of Nanosatellite Propulsion System	11/6/2020	11/5/2022	Unfunded	\$1,098,460	HQ	STMD-SAA-ACO20-0041	Space Technology	View Signed Agreement
393	33807	CORNERSTONE RESEARCH GROUP, INC.	Additively Manufactured TPS Arc Jet Evaluation	11/6/2020	11/5/2022	Unfunded	\$897,358	HQ	STMD-SAA-ACO20-0038	Space Technology	View Signed Agreement
394	33806	Elementum 3D, Inc	Reactive Additive Manufacturing for Fourth Industrial Revolution Exploration Systems (RAMFIRE)	11/6/2020	11/5/2022	Unfunded	\$1,117,904	HQ	STMD-SAA-ACO20-0026	Space Technology	View Signed Agreement
395	33805	SPACE EXPLORATION TECHNOLOGIES CORP	In-flight Imagery and Thermal Measurement of Starship during Orbital Reentry	11/6/2020	11/5/2022	Unfunded	\$1,195,400	HQ	STMD-SAA-ACO20-0025	Space Technology	View Signed Agreement
396	33804	Ahmic Aerospace, LLC	Hypersonic Instrumentation and Thermal Protection System Material Characterization Test Methodology	11/6/2020	11/5/2022	Unfunded	\$786,480	HQ	STMD-SAA-ACO20-22	Space Technology	View Signed Agreement

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397	33803	Spacefactory, Inc	Design of an Additive Construction System for Lunar ISRU Application through Active Sample Testing in a Relevant Environment	11/6/2020	11/5/2022	Unfunded	\$627,355	HQ	STMD-SAA-ACO20-53	Space Technology	View Signed Agreement
398	33802	BLUE ORIGIN, LLC	Space Robot Operating System	11/6/2020	11/5/2022	Unfunded	\$2,112,823	HQ	STMD-SAA-ACO20-32	Space Technology	View Signed Agreement
399	33801	PH Matter, LLC	Advanced Alkaline Reversible Cell for Production of Hydrogen and Oxygen from ISRU-Generated Water	11/6/2020	11/5/2022	Unfunded	\$441,469	HQ	STMD-SAA-ACO20-0012	Space Technology	View Signed Agreement
400	33800	SPACE SYSTEMS LORAL, LLC	Lunar Dust Mitigation on Flexible Solar Arrays	11/6/2020	11/5/2022	Unfunded	\$965,210	HQ	STMD-SAA-ACO20-0020	Space Technology	View Signed Agreement
401	33799	Box Elder Innovations, LLC	Enhanced Pulsed Electro-Acoustic Analysis	11/6/2020	11/5/2022	Unfunded	\$868,613	HQ	STMD-SAA-ACO20-0001	Space Technology	View Signed Agreement
402	33798	Gloyer-Taylor Laboratories, LLC	UCDS Demonstration and Evaluation	11/6/2020	11/5/2022	Unfunded	\$93,581	HQ	STMD-SAA-ACO20-0004	Space Technology	View Signed Agreement

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403	33797	SPACE SYSTEMS LORAL, LLC	Advancing the TRL of Novel Diamond-Like-Coating for Protection of Solar Cell Interconnectors from High-Energy Electric Thruster Plume Erosion	11/6/2020	11/5/2022	Unfunded	\$268,388	HQ	STMD-SAA-ACO20-0019	Space Technology	View Signed Agreement
404	33795	SPACE SYSTEMS LORAL, LLC	Bang-Bang Propellant Feed System for the 12 kW Hall Thruster	11/6/2020	11/5/2022	Unfunded	\$461,692	HQ	STMD-SAA-ACO20-0024	Space Technology	View Signed Agreement
405	33794	IN Space, LLC	Rapid Development of Regeneratively Cooled RDRE Chambers for Space Engines	11/6/2020	11/5/2022	Unfunded	\$950,222	HQ	STMD-SAA-ACO20-0044	Space Technology	View Signed Agreement
406	33772	SENSURON LLC	Space-rated FOSS Interrogator For Cryogenic Temperature Monitoring In Space	11/6/2020	11/5/2022	Unfunded	\$540,219	HQ	STMD-SAA-ACO20-0010	Space Technology	View Signed Agreement
407	33160	Oak Ridge Associated Universities, Inc.	Annex No. 1 Under Umbrella SAA for Increasing Access to STEM Engagement and STEM Education Opportunities and Experiences	12/15/2020	12/15/2025	Non-Reimbursable	\$54,375	HQ		Education and/or Public Engagement	View Signed Agreement
408	33159	Oak Ridge Associated Universities, Inc.	Umbrella Space Act Agreement for Increasing Access to STEM Engagement and STEM Education Opportunities and Experiences	12/15/2020	12/15/2025	Non-Reimbursable	\$0	HQ		Education and/or Public Engagement	View Signed Agreement

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409	33145	Discovery Education, Inc.	Non-Reimbursable Space Act Agreement for K-12 STEM Engagement and Education	11/10/2020	11/10/2025	Non-Reimbursable	\$75,625	HQ	33145	Education and/or Public Engagement	View Signed Agreement
410	33007	SPACE EXPLORATION TECHNOLOGIES CORP	Flight Safety Coordination with NASA Assets	1/15/2021	1/15/2031	Non-Reimbursable	\$1,836,425	HQ		Human Exploration and Operations, Science	View Signed Agreement
411	32857	STEM Next Opportunity Fund	Annex 1 Under Umbrella Space Act Agreement for the STEM Next Million Girls Moonshot Initiative	8/27/2020	8/27/2025	Non-Reimbursable	\$400,000	HQ	32856	Education and/or Public Engagement	View Signed Agreement
412	32856	STEM Next Opportunity Fund	Umbrella Space Act Agreement for Increasing Access to STEM Engagement and STEM Education Opportunities and Experiences	8/27/2020	8/27/2025	Non-Reimbursable	\$0	HQ	32856	Education and/or Public Engagement	View Signed Agreement
413	32717	United States Air Force	Enabling Advanced Air Mobility	4/7/2021	4/7/2026	Non-Reimbursable	\$150,000	HQ		Aeronautics	View Signed Agreement
414	32716	United States Air Force	A PARTNERSHIP TO ACHIEVE GOALS IN ADVANCED AIR MOBILITY	4/12/2021	4/12/2026	Non-Reimbursable	\$0	HQ		Aeronautics	View Signed Agreement

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415	32457	American Geophysical Union	Cooperation for AbSciCon 2022, 2024 and 2026	3/22/2022	3/22/2027	Non-Reimbursable	\$1,050,000	HQ		Science	View Signed Agreement
416	32453	Viacom International, Inc. regarding Noggin	Annex 1 Under Umbrella SAA for Artemis-Themed STEM Learning Experiences for Preschool-Aged Children and Their Families	10/20/2020	10/20/2025	Non-Reimbursable	\$142,250	HQ	32453	Education and/or Public Engagement	View Signed Agreement
417	32452	Viacom International Inc. regarding Noggin	Umbrella SAA for NASA-Themed STEM Learning Experiences for Preschool-Aged Children and Their Families	10/20/2020	10/20/2025	Non-Reimbursable	\$0	HQ	32452	Education and/or Public Engagement	View Signed Agreement
418	32421	National Oceanic and Atmospheric Administration	OMPS-L Accommodation on JPSS-3 and JPSS-4	11/8/2020	11/8/2025	Non-Reimbursable	\$51,497	HQ		Science	View Signed Agreement
419	32284	U.S. Space Force, Directorate of Strategic Requirements, Architectures and Analysis	Memorandum of Agreement between the U.S. Space Force and the NASA Science Mission Directorate for Sharing of Space Surveillance Telescope Data	6/15/2020	6/15/2025	Non-Reimbursable	\$146,000	HQ		Science	View Signed Agreement
420	31920	Federal Aviation Administration	Advanced Air Mobility National Campaign Series	12/21/2020	12/21/2025	Non-Reimbursable	\$28,072,353	HQ	31919	Aeronautics	View Signed Agreement

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421	31919	Federal Aviation Administration	For Demonstration of Promising Aviation Concepts and Technology	1/4/2021	1/4/2026	Non-Reimbursable	\$0	HQ	31919	Aeronautics	View Signed Agreement
422	31713	DOE Office of Science	Arctic Climate and Ecology Research in Alaska	1/9/2020	1/9/2023	Non-Reimbursable	\$3,105,000	HQ		Science	View Signed Agreement
423	31562	U.S. SATELLITE LABORATORY, INC	Annex 1 under Umbrella SAA for Collaboration on the Endeavor Science Teaching Certificate Project	12/18/2019	12/18/2024	Non-Reimbursable	\$100,350	HQ		Aeronautics, Human Exploration and Operations, Science, Space Technology, Education and/or Public Engagement	View Signed Agreement
424	31561	U.S. SATELLITE LABORATORY, INC	Umbrella SAA for Collaboration on Endeavor Science Teacher Certificate Project and STEM Engagement Activities	12/18/2019	12/18/2024	Non-Reimbursable	\$0	HQ		Aeronautics, Human Exploration and Operations, Science, Space Technology, Education and/or Public Engagement	View Signed Agreement
425	31223	UNITED STATES DEPARTMENT OF COMMERCE	Space Radiation Environment Support to NASA	1/18/2022	1/18/2027	Non-Reimbursable	\$604,877	HQ		Human Exploration and Operations	View Signed Agreement
426	30979	Spirit AeroSystems Inc	NRSAA Between NASA and Spirit AeroSystems Inc Under the Space Technology Announcement of Competitive Opportunity 2019, Improved Durability for a Low-Cost Reusable Launch Vehicle Manufactured via Friction Stir Welding	7/29/2019	6/1/2023	Unfunded	\$1,239,000	HQ	ACO-2019-070	Space Technology	View Signed Agreement

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427	30972	Colorado Power Electronics Inc.	NRSAA Between NASA and Colorado Power Electronics Inc Under the Space Technology Announcement of Competitive Opportunity 2019, Qualification and Integration Tests of the Colorado Power Electronics Prototype Development Unit Power Processing Unit with NASA and Commercial Hall Thrusters	7/29/2019	12/29/2022	Unfunded	\$1,300,000	HQ	ACO-2019-025	Space Technology	View Signed Agreement
428	30963	SIERRA NEVADA CORP	NRSAA Between NASA and Sierra Nevada Corporation Under the Space Technology Announcement of Competitive Opportunity 2019, Upper Stage Recovery	7/29/2019	9/30/2022	Unfunded	\$430,000	HQ	ACO-2019-063	Space Technology	View Signed Agreement
429	30962	SIERRA NEVADA CORP	NRSAA Between NASA and Sierra Nevada Corporation Under the Space Technology Announcement of Competitive Opportunity 2019, Scientifically Calibrated In-Flight Imagery	7/29/2019	12/31/2023	Unfunded	\$2,493,373	HQ	ACO-2019-062	Space Technology	View Signed Agreement
430	30960	AEROJET ROCKETDYNE, INC	NRSAA Between NASA and Aerojet Rocketdyne of DE Inc. Under the Space Technology Announcement of Competitive Opportunity 2019, Extensible Robotic Deposition Technology for Propulsion Systems	7/29/2019	11/30/2022	Unfunded	\$1,197,474	HQ	ACO-2019-024	Space Technology	View Signed Agreement
431	30958	Advanced Space LLC	NRSAA Between NASA and Advance Space LLC Under the Space Technology Announcement of Competitive Opportunity 2019, Advancing Lunar Navigation Technologies to Enable Exploration and Commercial Development	7/29/2019	9/30/2023	Unfunded	\$670,696	HQ	ACO-2019-018	Space Technology	View Signed Agreement
432	30933	SPACE SYSTEMS LORAL, LLC	NRSAA Between NASA and Space Systems Loral LLC Under the Space Technology Announcement of Competitive Opportunity 2019, Advancing Qualification Protocols of Ultra-lightweight 5-junction Solar Cells Applied to Flexible Solar Array Power Modules	7/29/2019	12/29/2022	Unfunded	\$1,752,052	HQ	ACO-2019-011	Space Technology	View Signed Agreement

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433	30924	SPACE SYSTEMS LORAL, LLC	NRSAA Between NASA and Space Systems Loral LLC Under the Space Technology Announcement of Competitive Opportunity 2019, Advanced Packaging Methods for Next-Generation Reflectors	7/29/2019	4/30/2024	Unfunded	\$1,280,000	HQ	ACO-2019-010	Space Technology	View Signed Agreement
434	29333	Evergreen Exhibitions	Above and Beyond Touring Exhibit	3/29/2019	3/28/2024	Non-Reimbursable	\$10,109	HQ		Aeronautics, Education and/or Public Engagement	View Signed Agreement
435	29227	Department of State	High Threat Security Overseas Seminar (HTSOS) online course	8/2/2018	8/2/2023	Non-Reimbursable	\$0	HQ			View Signed Agreement
436	28458	United States Department of Commerce	Maintenance and Operation of the National Geodetic Survey Continuously Operating Reference Stations	12/18/2019	12/18/2024	Non-Reimbursable	\$33,948	HQ		Science	View Signed Agreement
437	28420	Neuron Fuel Inc. dba Tynker	Umbrella Space Act Agreement for Engaging Students in NASA-Themed Coding Activities	12/20/2018	12/20/2023	Non-Reimbursable	\$0	HQ	28420	Education and/or Public Engagement	View Signed Agreement
438	28122	U.S. Air Force	Joint Center for Satellite Data Assimilation MOA	4/20/2021	4/20/2026	Non-Reimbursable	\$8,250,000	HQ		Science	View Signed Agreement

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439	27962	Department of Commerce, National Oceanic and Atmospheric Administration	Operations-to-Research Collaboration in Space Weather	11/30/2018	11/30/2023	Non-Reimbursable	\$6,000	HQ		Science	View Signed Agreement
440	27663	Health and Human Services, Department of	Nonreimbursable Umbrella IAA with HHS Relating to the Improvement of Human Health and Public Health	7/31/2018	7/31/2023	Non-Reimbursable	\$0	HQ		Human Exploration and Operations	View Signed Agreement
441	27229	RFC MEDIA, LLC	Continued Outreach Collaboration on Third Rock Radio	1/30/2020	1/29/2025	Non-Reimbursable	\$6,473	HQ	27229	Education and/or Public Engagement	View Signed Agreement
442	26617	Breakthrough Starshot Foundation, LLC	Enceladus Flyby Mission Concept Study	9/13/2018	9/12/2023	Non-Reimbursable	\$72,834	HQ		Science	View Signed Agreement
443	26616	Breakthrough Starshot Foundation, LLC	Collaboration on Breakthrough Search for Life	9/13/2018	9/12/2023	Non-Reimbursable	\$0	HQ		Science	View Signed Agreement
444	24291	National Science Foundation	Modeling of Solar Activity and Space Weather	4/30/2018	4/29/2023	Non-Reimbursable	\$6,000	HQ		Science	View Signed Agreement

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445	36647	Exoterra Resource, LLC	Development and Qualification of ExoTerra's Halo12 Hall Thruster System	7/19/2022	1/19/2026	Reimbursable	\$6,676,305	JPL		Space Technology	View Signed Agreement
446	36173	Raytheon Company	OCX Transition to Operations and Sustaining Support	2/17/2022	12/31/2022	Reimbursable	\$1,014,474	JPL		Science	View Signed Agreement
447	36154	TELECOMMUNICATION SYSTEMS, INC	Assistance Global Navigation Satellite System (GNSS) Data to TeleCommunication Systems, Inc. (TCS)	2/16/2022	2/15/2025	Reimbursable	\$5,121,987	JPL		Science	View Signed Agreement
448	35792	Attollo Engineering, LLC	High-performance long-wavelength infrared detector	3/7/2022	12/7/2025	Reimbursable	\$666,070	JPL		Science	View Signed Agreement
449	35697	University of Arizona	Quantum-Enhanced Inertial Measurement Unit (QEIMU)	6/21/2022	6/21/2024	Reimbursable	\$810,000	JPL	35697	Science	View Signed Agreement
450	35420	Planet Labs PBC	CPM Technology Transfer	7/29/2022	9/29/2024	Reimbursable	\$363,452	JPL		Science, Technology Transfer	View Signed Agreement

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451	35338	Carbon Mapper, Inc.	Carbon Plume Mapper Risk Reduction Airborne Campaign	1/13/2022	4/13/2025	Reimbursable	\$5,479,636	JPL		Science	View Signed Agreement
452	34786	MOOG, INC	JPL IGOR Software Support for MBR	10/21/2021	10/21/2024	Reimbursable	\$225,124	JPL		Space Technology	View Signed Agreement
453	34396	AEROJET ROCKETDYNE, INC	A Digitally Informed Approach To Enhanced Heat Recovery Through Additive Manufacturing Of "Adaptive Thermoelectric Modules" For Energy Conversion Platforms	7/21/2021	1/21/2025	Reimbursable	\$943,338	JPL	34396	Space Technology	View Signed Agreement
454	34171	Carbon Mapper	Carbon Plume Mapper (CPM)	3/19/2021	5/19/2023	Reimbursable	\$38,235,059	JPL		Science	View Signed Agreement
455	34060	BATTELLE MEMORIAL INSTITUTE, INC	National Ecological Observatory Network (NEON) NEON Imaging Spectrometer (NIS)SENSOR SUPPORT	6/23/2021	6/23/2024	Reimbursable	\$949,880	JPL		Science	View Signed Agreement
456	34016	EMBRY-RIDDLE AERONAUTICAL UNIVERSITY	AtmoSense/AIRWaveS: Atmosphere-Ionosphere Responses to Wave Signals	8/18/2021	11/18/2023	Reimbursable	\$894,329	JPL		Science	View Signed Agreement

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457	34008	Northeastern University	Development of Transmitters and Receivers for THz Communications	11/17/2021	11/17/2023	Reimbursable	\$200,000	JPL		Science	View Signed Agreement
458	33889	Raytheon Company	OCX Block 3F Support	8/18/2021	3/18/2025	Reimbursable	\$2,581,701	JPL		Space Technology, Technology Transfer	View Signed Agreement
459	33853	MASTEN SPACE SYSTEMS, INC	Interplanetary Network Services Support	3/1/2021	5/1/2023	Reimbursable	\$592,559	JPL		Science	View Signed Agreement
460	33632	Veripos (US) Inc.	Global Navigation Satellite Systems Corrections Data to Veripos (US) Inc.	3/11/2021	3/11/2023	Reimbursable	\$537,892	JPL		Human Exploration and Operations	View Signed Agreement
461	33349	Sienza Inc.	High Energy and Long Cycle Life Li-ion Batteries with Novel Silicon Anode	2/2/2021	2/2/2024	Reimbursable	\$500,019	JPL		Science	View Signed Agreement
462	33258	Citrus College	Pathways in STEM: Cross-Sector Partnerships, Experiential Learning, and Professional Development	12/15/2020	4/27/2027	Reimbursable	\$274,008	JPL		Education and/or Public Engagement	View Signed Agreement

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463	32586	GEORGIA INSTITUTE OF TECHNOLOGY	Support to the Development of Advanced Data Compression Techniques (Python)	10/23/2020	10/23/2023	Reimbursable	\$850,000	JPL		Science	View Signed Agreement
464	32460	UNIVERSITY OF ARIZONA	Instrument Feasibility Study for Greenhouse Gas Detection	6/3/2020	10/31/2022	Reimbursable	\$921,947	JPL		Space Technology	View Signed Agreement
465	31616	ASTROBOTIC TECHNOLOGY, INC	IND Network Services Support of Astrobotic	4/15/2020	2/28/2023	Reimbursable	\$1,747,006	JPL		Science	View Signed Agreement
466	31570	PaR Systems, LLC	Piezoelectric Percussive Augmenter of Rotary Drill (PARoD) for Sampling Cores from Fuel Debris – Phase 2	1/31/2020	1/31/2023	Reimbursable	\$997,413	JPL		Science, Space Technology	View Signed Agreement
467	30629	LOUISIANA STATE UNIVERSITY	Synthetic Aperture Radar Interferometry (InSAR) Evaluation in Support of Louisiana Regional Geospatial Modeling	12/16/2019	9/30/2023	Reimbursable	\$393,500	JPL	82-105663	Science	View Signed Agreement
468	29920	Photon Spot, Inc.	Superconducting Nanowire Single Photon Detector Technology Development	3/27/2019	4/30/2024	Reimbursable	\$955,715	JPL		Science	View Signed Agreement

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469	29799	HARRIS CORP	Navigation Technology Satellite-3 Geosynchronous Earth Orbit Experiment	4/10/2019	4/10/2023	Reimbursable	\$9,422,633	JPL		Science	View Signed Agreement
470	28319	THE AEROSPACE CORPORATION	EMPIRICAL STUDIES OF RADIATION DAMAGE TO SPACECRAFT ELECTRONICS AND MATERIALS	5/17/2019	5/17/2024	Reimbursable	\$298,908	JPL		Space Technology	View Signed Agreement
471	26523	Northrop Grumman Systems Corporation	Support the Development of Advanced Ground Antennas for the US Government	3/19/2018	3/26/2023	Reimbursable	\$100,000	JPL		Science	View Signed Agreement
472	37378	KBR WYLE SERVICES, LLC	Annex FOUR to HUMAN HEALTH AND PERFORMANCE FACILITIES UTILIZATION	9/6/2022	10/31/2023	Reimbursable	\$76,853	JSC	SAA-SA-21-34167-04	Human Exploration and Operations	View Signed Agreement
473	37113	AXIOM SPACE, INC.	Sabatier Subject Matter Expertise	9/14/2022	3/14/2024	Reimbursable	\$123,072	JSC	SAA-RA-22-36162-03	Human Exploration and Operations	View Signed Agreement
474	37063	WILLIAM MARSH RICE UNIVERSITY	Annex to Nonreimbursable Space Act Umbrella Agreement Between the National Aeronautics and Space Administration Lyndon B. Johnson Space Center and William Marsh Rice University for Collaborative Research, Education and Outreach Activities	8/19/2022	8/18/2023	Non-Reimbursable	\$289,192	JSC	SAA-AD-22-36462-02	Education and/or Public Engagement	View Signed Agreement

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475	37020	Industrial Fabrics Association International	Annex 4 to Umbrella Space Act Agreement Industrial Fabrics Association International (IFAI) Exposition	9/25/2022	8/2/2023	Non-Reimbursable	\$30,697	JSC	SAA-EA-17-26205-04	Human Exploration and Operations, Space Technology, Education and/or Public Engagement	View Signed Agreement
476	37016	BLUE ORIGIN, LLC	MMOD Annex to Engineering Analysis and Testing	9/21/2022	9/21/2024	Reimbursable	\$278,197	JSC	SAA-EA-20-29343-21	Science	View Signed Agreement
477	36832	Pioneer Astronautics	Clear Dust Repelling Coating Testing	7/22/2022	7/22/2025	Non-Reimbursable	\$5,638	JSC	SAA-XA-22-36832	Space Technology	View Signed Agreement
478	36811	INTUITIVE MACHINES, LLC	Modal Propellant Gauge Avionics and Flight	8/24/2022	8/24/2025	Non-Reimbursable	\$48,445	JSC	SAA-EA-22-36811	Space Technology	View Signed Agreement
479	36759	BLUE ORIGIN, LLC	Window Design and Development Expertise and Planning	8/1/2022	2/8/2025	Reimbursable	\$215,656	JSC	SAA-EA-20-29343-18	Human Exploration and Operations, Space Technology	View Signed Agreement
480	36724	WILLIAM MARSH RICE UNIVERSITY	Rice's The Ion Annex	7/14/2021	7/14/2026	Non-Reimbursable	\$68,656	JSC	1	Technology Transfer	View Signed Agreement

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481	36723	WILLIAM MARSH RICE UNIVERSITY	Rice's The Ion	7/14/2021	7/14/2026	Non-Reimbursable	\$0	JSC	SAA-XA-22-36723	Institutional and Mission Support	View Signed Agreement
482	36635	KBR WYLE SERVICES, LLC	Annex THREE to HUMAN HEALTH AND PERFORMANCE FACILITIES UTILIZATION	7/7/2022	10/31/2023	Reimbursable	\$60,003	JSC	SAA-SA-21-34167-03	Human Exploration and Operations	View Signed Agreement
483	36612	AXIOM SPACE, INC.	Propulsion Systems Design Consulting, Analysis, and Test Support	8/4/2022	2/4/2024	Reimbursable	\$381,966	JSC	SAA-RA-22-36162-02	Human Exploration and Operations	View Signed Agreement
484	36554	CENTERS FOR DISEASE CONTROL AND PREVENTION	Memorandum of Agreement for Biomedical Research Between the National Aeronautics and Space Administration Lyndon B. Johnson Space Center and the Centers for Disease Control and Prevention National Center for Emerging and Zoonotic Infectious Diseases	8/2/2022	8/1/2027	Non-Reimbursable	\$100,547	JSC	IAA-SA-22-36554	Human Exploration and Operations	View Signed Agreement
485	36519	TEXAS PARKS AND WILDLIFE DEPARTMENT	Non-Reimbursable Space Act Agreement With Texas Parks And Wildlife Department	6/28/2022	10/1/2026	Unfunded	\$8,218	JSC	SAA-JA-22-36519	Education and/or Public Engagement	View Signed Agreement
486	36472	Texas Southern University	Mini Minority University Research and Education Project	7/8/2022	7/8/2023	Non-Reimbursable	\$258,539	JSC	SAA-XA-22-36472-01	Technology Transfer	View Signed Agreement

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487	36471	Texas Southern University	Technology Research Initiatives	7/8/2022	7/8/2027	Non-Reimbursable	\$0	JSC	SAA-XA-22-36471	Technology Transfer	View Signed Agreement
488	36465	THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON, ON BEHALF OF ITS SCHOOL OF PUBLIC HEALTH	Annex-1 Under Nonreimbursable Umbrella SAA Between NASA JSC and the UT Health Science Center at Houston, on Behalf of its School of Public Health, for Research and Educational Activities	9/22/2022	9/21/2027	Non-Reimbursable	\$20,175	JSC	SAA-SA-22-36464-01	Science, Education and/or Public Engagement	View Signed Agreement
489	36464	THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER	Nonreimbursable Umbrella Space Act Agreement Between NASA JSC and the UT Health Science Center at Houston, on Behalf of its School of Public Health for Research and Education	9/22/2022	9/21/2027	Non-Reimbursable	\$0	JSC	SAA-SA-22-36464	Science, Education and/or Public Engagement	View Signed Agreement
490	36463	WILLIAM MARSH RICE UNIVERSITY	Annex-1 Nonreimbursable Space Act Agreement Between the National Aeronautics and Space Administration Lyndon B. Johnson Space Center and William Marsh Rice University for Collaborative Research, Education and Outreach Activities	8/22/2022	8/17/2027	Non-Reimbursable	\$49,122	JSC	SAA-AD-22-36462-01	Science, Education and/or Public Engagement	View Signed Agreement
491	36462	WILLIAM MARSH RICE UNIVERSITY	Nonreimbursable Space Act Umbrella Agreement Between the National Aeronautics and Space Administration Lyndon B. Johnson Space Center and William Marsh Rice University for Collaborative Research, Education and Outreach Activities	8/18/2022	8/17/2027	Non-Reimbursable	\$0	JSC	SAA-AD-22-36462	Science, Education and/or Public Engagement	View Signed Agreement
492	36438	SPACE EXPLORATION TECHNOLOGIES CORPORATION	NON-NASA MISSIONS AND COMMERCIAL SPACE SYSTEM DEVELOPMENTS	8/25/2022	8/25/2027	Reimbursable	\$4,755,199	JSC	SAA-UA-21-34284-02	Human Exploration and Operations	View Signed Agreement

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493	36359	INTUITIVE MACHINES, LLC	Loan of Propellant Tanks	5/2/2022	5/2/2024	Non-Reimbursable	\$2,791	JSC	SAA-EA-22-36359	Space Technology	View Signed Agreement
494	36332	The Methodist Hospital	Nonreimbursable Space Act Agreement Between The National Aeronautics and Space Administration Lyndon B. Johnson Space Center and The Methodist Hospital for Orthopedic Sports Medicine Collaboration	7/5/2022	7/5/2027	Non-Reimbursable	\$106,330	JSC	SAA-SA-22-36332	Human Exploration and Operations, Education and/or Public Engagement	View Signed Agreement
495	36217	Colgate-Palmolive Company	COLLABORATION ON HUMAN PERFORMANCE, INNOVATION & SUSTAINABILITY	5/23/2022	5/23/2027	Non-Reimbursable	\$166,285	JSC	SAA-OZ-22-36217	Human Exploration and Operations	View Signed Agreement
496	36178	Web Vision Centers Group, LLC	Vision diagnostics, testing techniques and devices	9/19/2022	9/18/2027	Non-Reimbursable	\$87,228	JSC	SAA-SA-22-36178	Human Exploration and Operations	View Signed Agreement
497	35985	Alpha Space Test and Research Alliance, LLC	Alpha Space	2/3/2022	2/2/2024	Reimbursable	\$30,964	JSC		Human Exploration and Operations	View Signed Agreement
498	35807	BLUE ORIGIN, LLC	Commercial Destinations - Free Flyer Phase 1 (Blue Origin)	12/1/2021	12/1/2026	Funded	\$130,000,000	JSC	JSC-UA-21-35807	Human Exploration and Operations	View Signed Agreement

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499	35806	Northrop Grumman	Commercial Destinations - Free Flyer Phase 1 (Northrop Grumman)	12/1/2021	12/1/2026	Funded	\$125,600,000	JSC	JSC-UA-21-35806	Human Exploration and Operations	View Signed Agreement
500	35805	NANORACKS, LLC	Commercial Destinations - Free Flyer Phase 1 (Nanoracks)	12/1/2021	12/1/2026	Funded	\$160,000,000	JSC	JSC-UA-21-35805	Human Exploration and Operations	View Signed Agreement
501	35689	BLUE ORIGIN, LLC	Lunar Lander System Technologies	12/13/2021	12/13/2024	Reimbursable	\$1,367,437	JSC	SAA-EA-22-35689	Human Exploration and Operations, Space Technology	View Signed Agreement
502	35680	KBR WYLE SERVICES, LLC	Annex Two NASA NEUTRAL BUOYANCY LABORATORY FACILITY USAGE AGREEMENT	12/6/2021	10/31/2023	Reimbursable	\$23,341	JSC	SAA-SA-21-34167-02	Human Exploration and Operations	View Signed Agreement
503	35569	LifeShip, Inc.	LifeShip	1/4/2022	1/3/2024	Reimbursable	\$1,200	JSC		Human Exploration and Operations	View Signed Agreement
504	35557	Texas A&M Engineering Experiment Station	Reimbursable Space Act Agreement Between National Aeronautics and Space Administration and Texas A&M Engineering Experiment Station for Texas Aerospace Scholars	3/25/2022	3/24/2024	Reimbursable	\$999,616	JSC	SAA-AD-22-35557	Education and/or Public Engagement	View Signed Agreement

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505	35556	Houston Livestock Show and Rodeo, Inc.	REIMBURSABLE SPACE ACT AGREEMENT BETWEEN The National Aeronautics and Space Administration Lyndon B. Johnson Space Center and Houston Livestock Show and Rodeo, Inc. for Texas High School Aerospace Scholars	12/15/2021	12/15/2022	Reimbursable	\$100,000	JSC	SAA-AD-21-35556	Education and/or Public Engagement	View Signed Agreement
506	35522	TEXAS A&M UNIVERSITY SYSTEM	Collaborative Activities	5/3/2022	5/3/2024	Non-Reimbursable	\$122,668	JSC	SAA-AD-21-35522-01	Technology Transfer	View Signed Agreement
507	35521	TEXAS A&M UNIVERSITY SYSTEM	Collaborative Activities	5/3/2022	5/3/2025	Non-Reimbursable	\$0	JSC	SAA-AD-21-35521	Technology Transfer	View Signed Agreement
508	35459	Passaic County Technical-Vocational Schools	PASSAIC COUNTY TECHNICAL-VOCATIONAL SCHOOLS	3/7/2022	3/6/2027	Non-Reimbursable	\$14,420	JSC		Human Exploration and Operations	View Signed Agreement
509	35410	CYPRESS FAIRBANKS INDEPENDENT SCHOOL DISTRICT	CYPRESS FAIRBANKS INDEPENDENT SCHOOL DISTRICT	11/10/2021	11/9/2026	Non-Reimbursable	\$73,892	JSC		Human Exploration and Operations	View Signed Agreement
510	35408	CONROE INDEPENDENT SCHOOL DISTRICT	Conroe Independent School District	12/13/2021	12/12/2026	Non-Reimbursable	\$67,949	JSC		Human Exploration and Operations	View Signed Agreement

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511	35401	CLEAR CREEK INDEPENDENT SCHOOL DISTRICT	CLEAR CREEK INDEPENDENT SCHOOL DISTRICT	12/13/2021	12/12/2026	Non-Reimbursable	\$61,699	JSC		Human Exploration and Operations	View Signed Agreement
512	35285	UNIVERSITY OF HOUSTON	FOR HANDLING OF HISTORIC SPACEFLIGHT DOCUMENTS	8/11/2022	8/11/2027	Non-Reimbursable	\$11,349	JSC	SAA-XA-21-35285	Institutional and Mission Support	View Signed Agreement
513	35247	Underwriters Laboratories Inc.	Battery Analysis and Testing	12/17/2021	12/17/2023	Reimbursable	\$200,000	JSC	SAA-EA-22-35247	Human Exploration and Operations	View Signed Agreement
514	35186	UNIVERSITY OF HOUSTON	annex to Collaborative initiatives in research, technology development, technology transfer training, education and outreach	7/20/2022	7/20/2023	Non-Reimbursable	\$101,557	JSC	SAA-AD-22-35186-3	Education and/or Public Engagement	View Signed Agreement
515	35162	Uplift Aerospace	Uplift Aerospace Commercial Activities	11/20/2021	11/19/2023	Reimbursable	\$1,210,000	JSC		Human Exploration and Operations	View Signed Agreement
516	35149	Microsoft Corporation	Annex to Non-Reimbursable Space Act Umbrella Agreement between the National Aeronautics and Space Administration Lyndon B. Johnson Space Center and Microsoft Corporation for Strategic Alliance for STEM Education Activities	12/20/2021	2/6/2023	Non-Reimbursable	\$91,491	JSC	SAA-AD-18-26048	Education and/or Public Engagement	View Signed Agreement

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517	35128	University of Houston-Clear Lake	annex to Umbrella for Collaborative Research, Technology Transfer, and Education Activities	10/13/2021	10/13/2022	Non-Reimbursable	\$2,283	JSC	SAA-XA-19-27634	Human Exploration and Operations	View Signed Agreement
518	35077	ASTROBOTIC TECHNOLOGY, INC	Guidance Solutions for Griffin Lunar Lander	3/11/2022	3/11/2023	Reimbursable	\$156,578	JSC	SAA-EA-22-35077	Human Exploration and Operations, Space Technology	View Signed Agreement
519	34689	Texas A&M Engineering Experiment Station	Lunar Surface Payload / Early Prototype Testing of Dust Sensor	3/24/2022	3/24/2025	Non-Reimbursable	\$307,406	JSC	SAA-EA-22-34689	Human Exploration and Operations	View Signed Agreement
520	34659	Walter Dorwin Teague Associates, Inc.	Habitat Layout Trade Studies for Analog Missions and Concepts	7/21/2021	7/21/2026	Non-Reimbursable	\$5,303	JSC	SAA-EA-21-34659	Human Exploration and Operations	View Signed Agreement
521	34641	BAY AREA EMERGENCY RESPONDERS	RECIPROCAL USE OF EMERGENCY OPERATIONS CENTERS	6/23/2022	6/23/2027	Non-Reimbursable	\$1,000	JSC	SAA-JA-21-34641	Institutional and Mission Support	View Signed Agreement
522	34640	UNIVERSITY OF HOUSTON	STEM Engagement Activities for Pre-Service Teachers	12/15/2021	12/15/2024	Non-Reimbursable	\$233,082	JSC	SAA-AD22-34640-1	Education and/or Public Engagement	View Signed Agreement

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523	34448	L2 Solutions	SEOPS / Dianna Rae Jewelry	10/9/2021	10/8/2023	Reimbursable	\$120,000	JSC	SAA-UA-21-34448	Human Exploration and Operations	View Signed Agreement
524	34314	Orbit Fab, Inc.	Small Satellite Proximity Operations & Refueling Technologies	6/7/2021	6/7/2025	Non-Reimbursable	\$10,311	JSC	SAA-EA-21-34314	Human Exploration and Operations	View Signed Agreement
525	34285	SPACE EXPLORATION TECHNOLOGIES CORPORATION	TWO NON-NASA SPACEFLIGHT MISSIONS	7/14/2021	7/14/2023	Reimbursable	\$269,269	JSC	SAA-UA-21-34284	Human Exploration and Operations	View Signed Agreement
526	34284	SPACE EXPLORATION TECHNOLOGIES CORPORATION	COMMERCIAL SPACE SYSTEM OPERATIONS AND DEVELOPMENTS	7/14/2021	7/14/2026	Reimbursable	\$0	JSC	SAA-UA-21-34284		View Signed Agreement
527	34279	U.S. Air Force Academy	ISS Antenna Manager Software Upgrade for United States Air Force Academy Capstone Project	4/30/2021	9/30/2024	Non-Reimbursable	\$15,185	JSC	SAA-CA-21-34279	Space Technology	View Signed Agreement
528	34173	UNIVERSITY OF HOUSTON	Collaborative initiatives in research, technology development, technology transfer training, education and outreach	1/14/2022	1/13/2027	Non-Reimbursable	\$0	JSC	SAA-AD-22-34173	Education and/or Public Engagement, Technology Transfer	View Signed Agreement

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529	34168	KBR WYLE SERVICES, LLC	ANNEX ONE for HUMAN HEALTH AND PERFORMANCE FACILITIES UTILIZATION	5/26/2021	10/31/2023	Reimbursable	\$691,554	JSC	SAA-SA-21-34167-01	Science	View Signed Agreement
530	34167	KBR WYLE SERVICES, LLC	HUMAN HEALTH AND PERFORMANCE FACILITIES UTILIZATION	5/26/2021	10/31/2023	Reimbursable	\$0	JSC	SAA-SA-21-34167		View Signed Agreement
531	34138	INTUITIVE MACHINES, LLC	Annex 1 to Engineering Analysis and Testing	5/26/2021	3/31/2023	Reimbursable	\$188,665	JSC	SAA-EA-21-34138	Space Technology	View Signed Agreement
532	34137	INTUITIVE MACHINES, LLC	Engineering Analysis and Testing	5/26/2021	5/26/2026	Reimbursable	\$0	JSC	SAA-XA-21-34137	Space Technology	View Signed Agreement
533	33921	Bridgerland Technical College	Bridgerland Technical College	10/20/2021	10/19/2026	Non-Reimbursable	\$3,139	JSC		Human Exploration and Operations	View Signed Agreement
534	33915	Highlands College Of Montana Tech	Highlands College Of Montana Tech	10/13/2021	10/12/2026	Non-Reimbursable	\$3,138	JSC		Human Exploration and Operations	View Signed Agreement

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535	33898	Virgin Orbit	Annex to Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Virgin Orbit, LLC for Analysis and Simulation of a Transport Aircraft as a Launch Platform	2/11/2021	2/11/2024	Reimbursable	\$77,437	JSC	SAA2-403586	Space Technology	View Signed Agreement
536	33880	COUNTY COLLEGE OF MORRIS	COUNTY COLLEGE OF MORRIS	10/20/2021	10/19/2026	Non-Reimbursable	\$3,138	JSC		Human Exploration and Operations	View Signed Agreement
537	33879	TRI COUNTY REGIONAL VOCATIONAL SCHOOL DISTRICT	TRI COUNTY REGIONAL VOCATIONAL SCHOOL DISTRICT	10/18/2021	10/18/2026	Non-Reimbursable	\$3,139	JSC		Human Exploration and Operations	View Signed Agreement
538	33878	BILLINGS PUBLIC SCHOOLS	BILLINGS PUBLIC SCHOOLS	11/8/2021	11/7/2026	Non-Reimbursable	\$3,139	JSC		Human Exploration and Operations	View Signed Agreement
539	33872	The University of North Carolina at Charlotte	Collaboration on the Mechanical Failure of Li-Ion Cylindrical Cell	11/5/2021	11/5/2023	Non-Reimbursable	\$94,558	JSC	SAA-EA-22-33872	Human Exploration and Operations	View Signed Agreement
540	33869	LINCOLN TECHNICAL INSTITUTE	LINCOLN TECHNICAL INSTITUTE STUDENTS COLLABORATING WITH NASA UNDER THE HUNCH (HIGH SCHOOL STUDENTS UNITED WITH NASA TO	10/20/2021	10/19/2026	Non-Reimbursable	\$3,139	JSC		Human Exploration and Operations	View Signed Agreement

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541	33848	Amateur Radio on the International Space Station - USA	Amateur Radio on the ISS	3/23/2021	3/23/2026	Reimbursable	\$429,353	JSC		Education and/or Public Engagement	View Signed Agreement
542	33776	Amazon.com Services LLC	Project Kuiper MMOD Risk Assessment	5/19/2021	5/19/2023	Reimbursable	\$1,093,927	JSC	SAA-XI-21-33776	Space Technology	View Signed Agreement
543	33766	UNITED LAUNCH ALLIANCE, LLC	Annex 3 For Commercial Space Launch Vehicle Mission Insight Imagery Aircraft Mission Repeat	1/20/2021	1/20/2023	Reimbursable	\$1,325,756	JSC	SAA-UA-21-33766-03	Space Technology	View Signed Agreement
544	33744	Canyon Ridge High School	Canyon Ridge High School	8/12/2021	8/11/2026	Non-Reimbursable	\$61,713	JSC		Human Exploration and Operations	View Signed Agreement
545	33709	Expanding Frontiers	Technology Utilization	6/28/2021	6/28/2024	Non-Reimbursable	\$0	JSC	SAA-XB-21-33709	Technology Transfer	View Signed Agreement
546	33505	Mass Challenge Houston	COOPERATIVE SPACE COMMERCIALIZATION ACTIVITIES	4/30/2021	4/30/2024	Non-Reimbursable	\$0	JSC	SAA-XA-20-33505	Technology Transfer	View Signed Agreement

List of Active Domestic Space Act Agreements Signed After July 31, 2017 Citing NASA's "Other Transactions Authority" under the Space Act (51 U.S.C. § 20113(e))
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ROW NO.	PAM ID NUMBER	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL ESTIMATED DOLLAR VALUE OF NASA RESOURCES	CENTER	CENTER TRACKING NUMBER (IF ANY)	EXPECTED AGENCY BENEFIT(S)	LINK TO SIGNED AGREEMENT
547	33386	Houston Cinema Arts Society	Houston Cinema Arts Society (HCAS) CineSpace	10/24/2021	10/24/2026	Non-Reimbursable	\$619,202	JSC		Education and/or Public Engagement	View Signed Agreement
548	33229	United States Coast Guard	USCG Training Operations at the Neutral Buoyancy Laboratory	2/8/2021	2/8/2026	Reimbursable	\$60,000	JSC	SAA-JA-21-33229	Institutional and Mission Support	View Signed Agreement
549	33102	AUBURN UNIVERSITY	Radio Frequency Identification (RFID) Collaboration (Annex 2)	9/3/2021	9/3/2023	Non-Reimbursable	\$10,388	JSC	SAA-EA-21-33102	Human Exploration and Operations	View Signed Agreement
550	33026	GENERAL MOTORS, LLC	Thermal Runaway Cell Testing for Vent Gas Analysis (Annex 2)	11/20/2020	11/20/2022	Reimbursable	\$180,000	JSC	SAA-EA-20-33026	Human Exploration and Operations	View Signed Agreement
551	32919	UNIVERSITY OF TEXAS MEDICAL BRANCH	UTMB DIETETIC STUDENT EXPERIENCE AT NASA	8/12/2020	8/12/2025	Non-Reimbursable	\$37,971	JSC	32919	Science	View Signed Agreement
552	32916	FXC Corporation/Guardian Parachute	Mechanical Parachute Reefing Release Mechanism	10/23/2020	10/23/2022	Non-Reimbursable	\$99,913	JSC	SAA-EA-20-32916	Human Exploration and Operations	View Signed Agreement

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553	32778	Planet	ISS and Planet Operational Agreement	1/5/2021	1/4/2026	Non-Reimbursable	\$42,065	JSC	SAA-CA-21-32778	Human Exploration and Operations	View Signed Agreement
554	32760	Cheval de Feu Aerospace Corporation, dba LaMont Aerospace	FOR LOW-EARTH ORBIT COMMERCIAL SERVICES DEVELOPMENT	2/11/2021	2/10/2026	Non-Reimbursable	\$25,020	JSC	SAA-OZ-21-32760	Human Exploration and Operations	View Signed Agreement
555	32738	Limitless Space Institute	Advanced Power and Propulsion Partnership	4/18/2021	4/18/2026	Reimbursable	\$27,147	JSC	SAA-EA-21-32738	Human Exploration and Operations	View Signed Agreement
556	32690	ARMAND BAYOU NATURE CENTER	Environmental Education Programs	7/23/2020	7/23/2025	Non-Reimbursable	\$19,075	JSC	SAA-JA-32690	Institutional and Mission Support	View Signed Agreement
557	32660	United States Coast Guard, Maritime Safety and Security Team (MSST) 91104	Reciprocal Support During Area Emergencies	7/29/2020	7/29/2025	Non-Reimbursable	\$6,249	JSC	SAA-JA-20-32660	Institutional and Mission Support	View Signed Agreement
558	32425	United States Space Force	NASA Flight Operations/US Space Force Technical Exchange	2/4/2021	2/4/2026	Non-Reimbursable	\$420,643	JSC		Human Exploration and Operations	View Signed Agreement

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559	32418	UNIVERSITY OF TEXAS	Collaboration in Robotics Technology	4/10/2020	3/10/2025	Non-Reimbursable	\$130,206	JSC	SAA-EA-20-32418	Human Exploration and Operations	View Signed Agreement
560	32319	Adidas America, Inc	Annex One for Collaboration on Materials and Technologies	6/16/2020	6/16/2025	Non-Reimbursable	\$10,458	JSC	SAA-OA-20-32319-01	Human Exploration and Operations	View Signed Agreement
561	32253	TECHSHOT, INC	TECHSHOT ISS RESEARCH HARDWARE	5/29/2020	5/29/2025	Non-Reimbursable	\$24,483	JSC	SAA-OZ-20-32253	Human Exploration and Operations	View Signed Agreement
562	32236	Adidas America, Inc	COLLABORATION ON ADVANCED MATERIALS AND TECHNOLOGIES	6/16/2020	6/16/2025	Non-Reimbursable	\$0	JSC	SAA-OA-20-32236	Human Exploration and Operations	View Signed Agreement
563	32208	Baylor University	Baylor University and NASA Collaboration to Enhance Imagery from Space	1/15/2021	1/15/2026	Non-Reimbursable	\$60,708	JSC		Education and/or Public Engagement	View Signed Agreement
564	32079	WOUNDED WARRIOR PROJECT	HOUSTON SOLDIER RIDE	3/31/2020	3/31/2025	Non-Reimbursable	\$7,270	JSC	SAA-JA-20-32079	Education and/or Public Engagement	View Signed Agreement

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565	32042	Baylor University	BAYLOR UNIVERSITY AND NASA COLLABORATION ON SPACE IMAGERY AND OUTREACH TECHNOLOGIES, SCIENCE AND ENGINEERING RESEARCH, AND STEM INITIATIVES.	1/15/2021	1/15/2026	Non-Reimbursable	\$0	JSC	SAA-OA-20-32042	Institutional and Mission Support	View Signed Agreement
566	32031	JOHNSON SPACE CENTER RADIO CONTROL CLUB	NON-REIMBURSABLE SPACE ACT FOR RADIO CONTROLLED AIRPLANE OPERATIONS	5/7/2020	5/7/2025	Non-Reimbursable	\$6,061	JSC	SAA-JA-20-32031	Institutional and Mission Support	View Signed Agreement
567	31994	Collaborative Composites Solutions Corporation	Annex 2 - Development of Additive Manufacturing Techniques for Spacecraft Structures and Heat Shields	3/26/2020	3/15/2024	Non-Reimbursable	\$78,286	JSC	SAA-EA-20-31994	Human Exploration and Operations	View Signed Agreement
568	31987	Chemring Energetic Devices	Development of Next Generation Ordnance Initiating System Architecture & Design	7/20/2020	7/20/2025	Non-Reimbursable	\$201,686	JSC	SAA-EA-20-31987	Human Exploration and Operations	View Signed Agreement
569	31923	MERIDIAN HEALTH SYSTEMS	MICROWAVE TISSUE SOLDERING FOR WOUND CLOSURE	4/6/2020	9/30/2022	Reimbursable	\$186,999	JSC	SAA-EA-20-31923	Human Exploration and Operations	View Signed Agreement
570	31734	IOWA NORTHWEST AREA EDUCATION AGENCY	Space Settlement Design Competition	7/8/2020	7/8/2023	Reimbursable	\$20,510	JSC	SAA-XA-20-31734	Education and/or Public Engagement	View Signed Agreement

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571	31729	TECHNOLOGY COLLABORATION CENTER	Collaboration & Partnership Development Initiative	8/11/2020	8/11/2025	Non-Reimbursable	\$138,761	JSC	SAA-XA-20-31729	Technology Transfer	View Signed Agreement
572	31717	VIRGIN GALACTIC, LLC	Virgin Galactic Private Astronaut Mission	5/15/2020	5/15/2025	Non-Reimbursable	\$27,095	JSC	SAA-OA-20-31717	Human Exploration and Operations	View Signed Agreement
573	31714	TEXAS INSTRUMENTS, INC	Strategic Alliance for STEM Engagement and Outreach Activities	3/17/2020	3/17/2025	Non-Reimbursable	\$0	JSC	SAA-AD-20-31714	Education and/or Public Engagement	View Signed Agreement
574	31386	UNIVERSITY OF ILLINOIS	Aero-capture and Atmospheric Entry, Descent, and Landing Guidance, Navigation, and Control (GN&C)	2/28/2020	2/28/2025	Non-Reimbursable	\$29,056	JSC	SAA-EA-20-31386	Human Exploration and Operations	View Signed Agreement
575	31321	The Proctor & Gamble Company	Cleaning in Space	8/18/2020	8/18/2025	Non-Reimbursable	\$0	JSC	SAA-EA-20-31321	Human Exploration and Operations	View Signed Agreement
576	31150	UNIVERSITY OF TEXAS	Hypersonic Environment and Material Response Testing and Research	3/10/2020	3/10/2025	Non-Reimbursable	\$81,372	JSC	SAA-EA-20-31150	Human Exploration and Operations	View Signed Agreement

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577	31149	UNIVERSITY OF TEXAS	Collaborative Research, Technology Transfer, Education and Outreach Activities	3/10/2020	3/10/2025	Non-Reimbursable	\$0	JSC	SAA-EA-20-31149	Human Exploration and Operations	View Signed Agreement
578	31124	HOUSTON INDEPENDENT SCHOOL DISTRICT	Annex to existing umbrella - Collaboration for STEM Engagement, Education, and Community Outreach Activities	11/15/2019	11/15/2022	Reimbursable	\$1,350,000	JSC	SAA-AD-18-27594	Education and/or Public Engagement	View Signed Agreement
579	31088	Meridian Technology Center	HIGH SCHOOL STUDENTS UNITED WITH NASA TO CREATE HARDWARE (HUNCH).	8/12/2021	8/12/2026	Non-Reimbursable	\$22,752	JSC		Human Exploration and Operations	View Signed Agreement
580	31078	Oliver Ames High School	HIGH SCHOOL STUDENTS UNITED WITH NASA TO CREATE HARDWARE (HUNCH).	8/12/2021	8/12/2026	Non-Reimbursable	\$16,206	JSC		Human Exploration and Operations	View Signed Agreement
581	30784	WILLIAM MARSH RICE UNIVERSITY	HUMANOID ROBOTICS AND RELATED TECHNOLOGIES	3/10/2020	3/10/2025	Reimbursable	\$8,440,428	JSC	SAA-EA-20-30784	Human Exploration and Operations, Education and/or Public Engagement	View Signed Agreement
582	30783	WILLIAM MARSH RICE UNIVERSITY	COLLABORATIVE TECHNOLOGY DEVELOPMENT, INNOVATION, AND RESEARCH	3/10/2020	3/10/2025	Reimbursable	\$0	JSC	SAA-EA-20-30783	Human Exploration and Operations, Education and/or Public Engagement	View Signed Agreement

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583	30679	NANORACKS, LLC	OPERATION OF THE NANORACKS SYSTEM ABOARD THE INTERNATIONAL SPACE STATION	7/31/2019	7/31/2024	Non-Reimbursable	\$24,597	JSC		Human Exploration and Operations	View Signed Agreement
584	30388	Katy Independent School District	MEMORANDUM OF AGREEMENT BETWEEN THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION LYNDON B. JOHNSON SPACE CENTER AND KATY INDEPENDENT SCHOOL DISTRICT FOR NASA CONTINUITY OF OPERATIONS PROGRAM	9/30/2019	9/30/2024	Non-Reimbursable	\$0	JSC	SAA-JA-20-30388	Institutional and Mission Support	View Signed Agreement
585	30119	GENERAL MOTORS, LLC	Engineering Analysis and Testing for Advanced Technology Development	1/27/2020	1/27/2025	Reimbursable	\$0	JSC	SAA-EA-19-30119	Human Exploration and Operations	View Signed Agreement
586	29865	Manned Space Flight Education Foundation, Inc.	NON-REIMBURSBLE SAA WITH MANNED SPACEFLIGHT EDUCATION FOUNDATION, INC. FOR COLLABORATIVE EDUCATION AND OUTREACH ACTIVITIES	7/15/2019	7/15/2024	Non-Reimbursable	\$3,095	JSC	SAA-AD-19-29865	Education and/or Public Engagement	View Signed Agreement
587	29823	Underwriters Laboratories Inc.	Engineering Analysis and Testing for Advanced Technology Development	7/3/2019	7/3/2024	Reimbursable	\$0	JSC	SAA-EA-19-29823	Human Exploration and Operations	View Signed Agreement
588	29812	RED.com, Inc.	RED Digital Cinema Core Camera for ISS	1/23/2020	1/23/2025	Non-Reimbursable	\$1,271,505	JSC	29812	Education and/or Public Engagement	View Signed Agreement

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589	29741	Ogemaw Heights High School	HIGH SCHOOL STUDENTS COLLABORATING WITH NASA TO PRODUCE HARDWARE OR OTHER USEFUL PRODUCTS UNDER THE HUNCH (HIGH SCHOOL STUDENTS UNITED WITH NASA TO CREATE HARDWARE) PROGRAM	9/23/2021	9/22/2026	Non-Reimbursable	\$6,516	JSC	SAA-OA-21-29741	Human Exploration and Operations	View Signed Agreement
590	29738	Delta Schoolcraft Intermediate School District	High School Students United with NASA to Create Hardware (HUNCH)	9/24/2021	9/23/2026	Non-Reimbursable	\$6,516	JSC	SAA-OA-19-29738	Human Exploration and Operations	View Signed Agreement
591	29511	The Cannon	MARS SHOT ACCELERATION PROGRAM	6/28/2022	6/28/2024	Non-Reimbursable	\$18,882	JSC	SAA-XT-19-29511	Technology Transfer	View Signed Agreement
592	29456	Houston Exponential	Cooperative Community Outreach Activities	6/6/2019	6/6/2024	Non-Reimbursable	\$227,792	JSC	SAA-XA-19-29456	Technology Transfer	View Signed Agreement
593	29452	Collaborative Composites Solutions Corporation	Collaboration for Advanced Manufacturing Techniques	3/15/2019	3/15/2024	Non-Reimbursable	\$0	JSC	SAA-EA-19-29452	Human Exploration and Operations	View Signed Agreement
594	29366	Axiom Space, Inc.	Flight Operations Directorate Axiom Training	9/23/2019	8/27/2024	Reimbursable	\$3,493,353	JSC	SAA-OA-19-29366-01	Space Technology	View Signed Agreement

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595	29365	Axiom Space, Inc.	Low-Earth Orbit Commercial Development Utilizing the ISS	8/27/2019	8/27/2024	Reimbursable	\$0	JSC	SAA-19-OA-29365	Space Technology	View Signed Agreement
596	29343	BLUE ORIGIN, LLC	Engineering Analysis and Testing	2/8/2020	2/8/2025	Reimbursable	\$0	JSC	SAA-EA-20-29343	Human Exploration and Operations	View Signed Agreement
597	28973	SGT, LLC	NASA JSC/SGT Vendor Partner Agreement	9/10/2019	9/10/2024	Reimbursable	\$84,607	JSC	SAA-CA-19-28973	Human Exploration and Operations	View Signed Agreement
598	28849	Microsoft Corporation	Annex to Non-Reimbursable Space Act Umbrella Agreement between the National Aeronautics and Space Administration Lyndon B. Johnson Space Center and Microsoft Corporation for Strategic Alliance for STEM Education Activities	12/18/2019	12/17/2022	Non-Reimbursable	\$143,551	JSC	SAA-AD-18-28849-06	Education and/or Public Engagement	View Signed Agreement
599	28812	UNIVERSITY OF HOUSTON	SAA with University of Houston for Collaborative Research, Technology Transfer, Education and Outreach Activities	11/5/2018	11/5/2023	Non-Reimbursable	\$0	JSC	SAA-CA-19-28812	Human Exploration and Operations	View Signed Agreement
600	28679	Ben Barber Innovation Academy	High School Students United with NASA to Create Hardware (HUNCH) Program	10/3/2018	10/2/2023	Non-Reimbursable	\$14,111	JSC	SAA-OZ-18-28679	Human Exploration and Operations	View Signed Agreement

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601	28672	LOCKHEED MARTIN	INTEGRATION AND OPERATIONS SUPPORT RELATED TO THE EM-1 CREW INTERFACE TECHNOLOGY PAYLOAD	12/17/2018	12/17/2023	Reimbursable	\$3,122,796	JSC	SAA-GA-18-28672	Human Exploration and Operations, Education and/or Public Engagement	View Signed Agreement
602	28527	N-SCIENCE, INC	Asteroid Exploration Mission Concept Development	8/20/2019	8/20/2025	Non-Reimbursable	\$12,395	JSC	SAA-XA-19-28527	Human Exploration and Operations, Science	View Signed Agreement
603	28383	Ross Aviation Operations LLC	A/M32A-60 "Dash 60" Jet Starter Loan to Ross Aviation	10/3/2018	10/2/2023	Non-Reimbursable	\$5,950	JSC	SAA-CA-18 28383	Human Exploration and Operations	View Signed Agreement
604	28378	BiVACOR Inc.	SAFETY, RELIABILITY, AND ENGINEERING ANALYSES OF THE BIVACOR TOTAL ARTIFICIAL HEART	10/1/2019	10/1/2024	Reimbursable	\$0	JSC	SAA-NA-20-28378	Institutional and Mission Support	View Signed Agreement
605	28358	New York Space Alliance	The Fostering of Space Entrepreneurship	10/5/2018	10/5/2023	Non-Reimbursable	\$0	JSC	SAA-XB-18-28358	Technology Transfer	View Signed Agreement
606	28307	DreamUp	Collaboration in Support of Educational Outreach	8/1/2018	7/31/2023	Non-Reimbursable	\$34,139	JSC	SAA-OZ-18-28307	Human Exploration and Operations	View Signed Agreement

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607	28182	SOUTHWEST RESEARCH INSTITUTE	Commercialization of NASA's NASGRO Software	11/21/2018	11/21/2023	Non-Reimbursable	\$196,654	JSC	SAA-EA-19-28182	Space Technology	View Signed Agreement
608	28089	Alvin High School	For Students Collaborating with NASA to Produce Hardware or Other Useful Products under the High School Students Unified with NASA to Create Hardware (HUNCH) Program	9/20/2018	9/19/2023	Non-Reimbursable	\$57,440	JSC	SAA-OZ-18-28089	Human Exploration and Operations	View Signed Agreement
609	28036	Microsoft Corporation	Annex 4 to Non-Reimbursable Space Act Umbrella Agreement between the National Aeronautics and Space Administration Lyndon B. Johnson Space Center and Microsoft Corporation for Strategic Alliance for STEM Education Activities	2/12/2019	2/6/2023	Non-Reimbursable	\$275,321	JSC	SAA-AD-18-28036-04	Education and/or Public Engagement	View Signed Agreement
610	27894	Space Family Education, Inc	Aaron Cohen Child Care Center	6/27/2019	6/27/2024	Non-Reimbursable	\$2,034,364	JSC	SAA-XA-18-27894	Institutional and Mission Support	View Signed Agreement
611	27634	University of Houston-Clear Lake	Umbrella for Collaborative Research, Technology Transfer, and Education Activities	8/23/2019	8/23/2024	Non-Reimbursable	\$0	JSC	SAA-XA-19-27634	Institutional and Mission Support	View Signed Agreement
612	27594	HOUSTON INDEPENDENT SCHOOL DISTRICT	Collaboration for STEM Engagement, Education, and Community Outreach Activities	8/28/2018	8/27/2023	Reimbursable	\$0	JSC	SAA-AD-18-27594	Education and/or Public Engagement	View Signed Agreement

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613	27517	Rocklin Unified School	HIGH SCHOOL STUDENTS COLLABORATING WITH NASA TO PRODUCE HARDWARE OR OTHER USEFUL PRODUCTS UNDER THE HUNCH PROGRAM	5/8/2018	5/8/2023	Non-Reimbursable	\$12,603	JSC	SAA-OZ-18-27517	Human Exploration and Operations	View Signed Agreement
614	27425	Peanuts Worldwide, LLC	PUBLIC AND EDUCATION OUTREACH AND STEM PROJECTS	6/20/2018	6/20/2023	Non-Reimbursable	\$0	JSC	SAA-GA-18-27245	Education and/or Public Engagement	View Signed Agreement
615	27253	BIGELOW AEROSPACE	NON-REIMBURSABLE TO LOW-EARTH ORBIT COMMERCIAL DEVELOPMENT	3/30/2018	3/29/2023	Non-Reimbursable	\$70,348	JSC	OZ-18-27253	Human Exploration and Operations	View Signed Agreement
616	26943	Wheeling High School	High School Students Collaborating with NASA to Produce Hardware or Other Useful Products Under the High School Students United with NASA to Create Hardware (HUNCH) Program	3/21/2018	3/20/2023	Non-Reimbursable	\$12,835	JSC	SAA-OZ-18-26943	Human Exploration and Operations	View Signed Agreement
617	26934	Hawthorne High School	Students Collaborating with NASA to Produce Hardware or Other Useful Products Under the High School Students United with NASA to Create Hardware (HUNCH) Program	3/23/2018	3/22/2023	Non-Reimbursable	\$33,644	JSC	SAA-OZ-18-26934	Human Exploration and Operations	View Signed Agreement
618	26933	Alief Independent School District	Students Collaborating with NASA to Produce Hardware or Other Useful Products Under the High School Students United with NASA to Create Hardware (HUNCH) Program	1/18/2018	1/18/2023	Non-Reimbursable	\$112,831	JSC	SAA-OZ-17-26933	Human Exploration and Operations	View Signed Agreement

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619	26762	UNITED LAUNCH ALLIANCE, LLC	Commercial Space Launch Vehicle Developments	2/5/2018	2/5/2023	Reimbursable	\$0	JSC	SAA-UA3-17-26762	Space Technology	View Signed Agreement
620	26418	BAY AREA HOUSTON ECONOMIC PARTNERSHIP	COOPERATIVE AND COMMUNITY OUTREACH ACTIVITIES	10/17/2017	10/16/2022	Non-Reimbursable	\$145,128	JSC	SAA-AD-18-26418	Institutional and Mission Support	View Signed Agreement
621	26205	Industrial Fabrics Association International	Umbrella Space Act Agreement Industrial Fabrics Association International (IFAI) Exposition	8/2/2018	8/2/2023	Non-Reimbursable	\$0	JSC	SAA-EA-17-26205	Education and/or Public Engagement, Technology Transfer	View Signed Agreement
622	26188	Fairport Central School District	High School Students Collaborating with NASA to Produce Hardware or Other Useful Products Under the HUNCH Program	11/1/2017	10/31/2022	Non-Reimbursable	\$40,412	JSC	SAA-OZ-17-26188	Human Exploration and Operations	View Signed Agreement
623	26179	Council Rock School District	High School Students Collaborating with NASA to Produce Hardware or Other Useful Products Under HUNCH	10/13/2017	10/12/2022	Non-Reimbursable	\$40,412	JSC	SAA-OZ-17-26179	Aeronautics	View Signed Agreement
624	26048	Microsoft Corporation	Non-Reimbursable Space Act Umbrella Agreement between the National Aeronautics and Space Administration Lyndon B. Johnson Space Center and Microsoft Corporation for Strategic Alliance for STEM Education Activities	2/6/2018	2/5/2023	Non-Reimbursable	\$0	JSC	SAA-AD-18-26048	Education and/or Public Engagement	View Signed Agreement

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625	26023	Raytheon Intelligence, Information and Services	Annex 5 Authorizing Clean Room, Animation, Manufacturing, and Other General Commercialization Activities Under the Neutral Buoyancy Laboratory (NBL) Operations Contract (NOC)	10/18/2017	9/30/2024	Reimbursable	\$250,000	JSC	SAA-CA-17-26023-5	Institutional and Mission Support	View Signed Agreement
626	26021	Raytheon Intelligence, Information and Services	Annex 4 Authorizing Support for Department of Defense Diving and Other Commercialization Activities Under the Neutral Buoyancy Laboratory (NBL) Operations Contract (NOC)	9/27/2017	9/30/2024	Reimbursable	\$750,000	JSC	SAA-CA-17-26021-04	Institutional and Mission Support	View Signed Agreement
627	26017	Raytheon Intelligence, Information and Services	Annex 3 Authorizing Remotely Operated Vehicles (ROV) and Autonomous Underwater Vehicles (AUV) Commercialization Activities Under the Neutral Buoyancy Laboratory (NBL) Operations Contract (NOC)	9/27/2017	9/30/2024	Reimbursable	\$2,000,000	JSC	SAA-CA-26017-03	Institutional and Mission Support	View Signed Agreement
628	26016	Raytheon Intelligence, Information and Services	Annex 2 Authorizing Non-Destructive Testing Commercialization Activities Under the Neutral Buoyancy Laboratory (NBL) Operations Contract (NOC)	9/27/2017	9/30/2024	Reimbursable	\$15,000,000	JSC	SAA-CA-17-26016-02	Institutional and Mission Support	View Signed Agreement
629	26007	Raytheon Intelligence, Information and Services	Annex 1 Authorizing Safety, Survival, Emergency Response, and Leadership Training as Commercialization Activities Under the Neutral Buoyancy Laboratory (NBL) Operations Contract (NOC)	9/27/2017	9/30/2024	Reimbursable	\$4,900,000	JSC	SAA-CA-17-26007-01	Institutional and Mission Support	View Signed Agreement
630	26006	Raytheon Intelligence, Information and Services	Umbrella Agreement Authorizing Commercialization Activities Under the Neutral Buoyancy Laboratory (NBL) Operations Contract (NOC) Contract	9/27/2017	9/30/2024	Reimbursable	\$0	JSC	SAA-CA-17-26006	Institutional and Mission Support	View Signed Agreement

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631	26003	ULSTER COUNTY BOARD OF COOPERATIVE EDUCATIONAL SERVICES	ULSTER COUNTY BOARD OF COOPERATIVE EDUCATIONAL SERVICES FOR HIGH SCHOOL STUDENTS COLLABORATING WITH NASA TO PRODUCE HARDWARE OR OTHER USEFUL PRODUCTS UNDER THE HUNCH PROGRAM	10/13/2017	10/12/2022	Non-Reimbursable	\$50,182	JSC	SAA-OZ-17-26003	Human Exploration and Operations	View Signed Agreement
632	25999	St. Mary's County Public Schools	St. Mary's County Public Schools for High School Students Collaborating with NASA to Produce Hardware or Other Useful Products Under the HUNCH Program	10/26/2017	10/26/2022	Non-Reimbursable	\$40,783	JSC	SAA-OZ-17-25999	Human Exploration and Operations	View Signed Agreement
633	25997	Saint John Valley Technology Center	Saint John Valley Technology Center for Students Collaborating with NASA to Produce Hardware or Other Useful Products Under the HUNCH Program	11/27/2017	11/26/2022	Non-Reimbursable	\$24,299	JSC	SAA-OZ-17-25997	Human Exploration and Operations	View Signed Agreement
634	24326	Conway School District	Students Collaborating with NASA to Produce Hardware or Other Useful Products Under the HUNCH (High School Students United with NASA to Create Hardware) Program	11/1/2017	11/1/2022	Non-Reimbursable	\$236,218	JSC	SAA-OZ-17-24326	Human Exploration and Operations	View Signed Agreement
635	24275	Windsor Board of Education	Students Collaborating with NASA to Produce Hardware or Other Useful Products Under the HUNCH Program	11/28/2017	11/27/2022	Non-Reimbursable	\$231,674	JSC	SAA-OZ-17-24275	Human Exploration and Operations	View Signed Agreement
636	37461	AMENTUM SERVICES, INC.	KCA-4662-25 Rev Basic, Annex 25 to Fully Reimbursable Umbrella SAA between NASA and Amentum Services, Inc. for Contractor 3rd Party Work (C3PW)	9/30/2022	11/30/2022	Reimbursable	\$219	KSC	KCA-4662-25 Rev Basic	Institutional and Mission Support	View Signed Agreement

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637	37460	AMENTUM SERVICES, INC.	KCA-4662-24 Rev Basic, Annex 24 to Fully Reimbursable Umbrella SAA between NASA and Amentum Services, Inc. for Contractor 3rd Party Work (C3PW)	9/30/2022	11/30/2022	Reimbursable	\$393	KSC	KCA-4662-24 Rev Basic	Institutional and Mission Support	View Signed Agreement
638	37459	AMENTUM SERVICES, INC.	KCA-4662-23 Rev Basic, Annex 23 to Fully Reimbursable Umbrella SAA between NASA and Amentum Services, Inc. for Contractor 3rd Party Work (C3PW)	9/30/2022	11/30/2022	Reimbursable	\$1,123	KSC	KCA-4662-23 Rev Basic	Institutional and Mission Support	View Signed Agreement
639	37456	AMENTUM SERVICES, INC.	KCA-4662-22 Rev Basic, Annex 22 to Fully Reimbursable Umbrella SAA between NASA and Amentum Services, Inc. for Contractor 3rd Party Work (C3PW)	9/30/2022	11/30/2022	Reimbursable	\$447	KSC	KCA-4662-22 Rev Basic	Institutional and Mission Support	View Signed Agreement
640	37455	AMENTUM SERVICES, INC.	KCA-4662-21 Rev Basic, Annex 21 to Fully Reimbursable Umbrella SAA between NASA and Amentum Services, Inc. for Contractor 3rd Party Work (C3PW)	9/30/2022	11/30/2022	Reimbursable	\$94	KSC	KCA-4662-21 Rev Basic	Institutional and Mission Support	View Signed Agreement
641	37454	ASRC Federal Data Solutions	KCA-4559-39 Rev. Basic, Annex 39 to Fully Reimbursable Umbrella SAA between NASA and ASRC Federal Data Solutions for C3PW	9/21/2022	2/28/2023	Reimbursable	\$390	KSC	KCA-4559-39 Rev Basic	Institutional and Mission Support	View Signed Agreement
642	37453	Jacobs Technologies Inc.	KCA-4604-8 Rev Basic, Annex 8 to Fully Reimbursable Umbrella SAA between NASA and Jacobs Technology Inc for C3PW	9/28/2022	1/31/2023	Reimbursable	\$354,311	KSC	KCA-4604-8 Rev Basic	Institutional and Mission Support	View Signed Agreement

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643	37452	HSG, LLC d/b/a HERNDON SOLUTIONS GROUP	KCA-4660-24 Rev. Basic, Annex 24 Fully Reimbursable Umbrella SAA between NASA and Herndon Solutions Group, LLC (HSG) for Contractor 3rd Party Work (C3PW)	9/21/2022	9/30/2024	Reimbursable	\$114	KSC	KCA-4660-24 Rev Basic	Institutional and Mission Support	View Signed Agreement
644	37451	HSG, LLC d/b/a HERNDON SOLUTIONS GROUP	KCA-4660-23 Rev Basic, Annex 23 Fully Reimbursable Umbrella SAA between NASA and Herndon Solutions Group, LLC (HSG) for Contractor 3rd Party Work (C3PW)	9/21/2022	9/30/2024	Reimbursable	\$162	KSC	KCA-4660-23 Rev Basic	Institutional and Mission Support	View Signed Agreement
645	37450	HSG, LLC d/b/a HERNDON SOLUTIONS GROUP	KCA-4660-22 Rev Basic, Annex 22 Fully Reimbursable Umbrella SAA between NASA and Herndon Solutions Group, LLC (HSG) for Contractor 3rd Party Work (C3PW)	9/21/2022	9/30/2024	Reimbursable	\$1,638	KSC	KCA-4660-22 Rev Basic	Institutional and Mission Support	View Signed Agreement
646	37449	HSG, LLC d/b/a HERNDON SOLUTIONS GROUP	KCA-4660-21 Rev Basic, Annex 21 Fully Reimbursable Umbrella SAA between NASA and Herndon Solutions Group, LLC (HSG) for Contractor 3rd Party Work (C3PW)	9/21/2022	9/30/2024	Reimbursable	\$7,514	KSC	KCA-4660-21 Rev Basic	Institutional and Mission Support	View Signed Agreement
647	37448	HSG, LLC d/b/a HERNDON SOLUTIONS GROUP	KCA-4660-20, Rev Basic, Annex 20 Fully Reimbursable Umbrella SAA between NASA and Herndon Solutions Group, LLC (HSG) for Contractor 3rd Party Work (C3PW)	9/21/2022	9/30/2024	Reimbursable	\$1,888	KSC	KCA-4660-20 Rev Basic	Institutional and Mission Support	View Signed Agreement
648	37447	HSG, LLC d/b/a HERNDON SOLUTIONS GROUP	KCA-4660-19 Rev Basic, Annex 19 Fully Reimbursable Umbrella SAA between NASA and Herndon Solutions Group, LLC (HSG) for Contractor 3rd Party Work (C3PW)	9/21/2022	9/30/2024	Reimbursable	\$1,365	KSC	KCA-4660-19 Rev Basic	Institutional and Mission Support	View Signed Agreement

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649	37445	HSG, LLC d/b/a HERNDON SOLUTIONS GROUP	KCA-4660-18 Rev Basic, Annex 18 Fully Reimbursable Umbrella SAA between NASA and Herndon Solutions Group, LLC (HSG) for Contractor 3rd Party Work (C3PW)	9/21/2022	9/30/2024	Reimbursable	\$13,030	KSC	KCA-4660-18 Rev Basic	Institutional and Mission Support	View Signed Agreement
650	37444	HSG, LLC d/b/a HERNDON SOLUTIONS GROUP	KCA-4660-17, Rev Basic, Annex 17 to Fully Reimbursable Umbrella SAA between NASA and Herndon Solutions Group, LLC (HSG) for Contractor 3rd Party Work (C3PW)	9/21/2022	9/30/2024	Reimbursable	\$3,786	KSC	KCA-4660-17 Rev Basic	Institutional and Mission Support	View Signed Agreement
651	37340	ASRC Federal Data Solutions	KCA-4559-38, Rev Basic, Annex 38 to Fully Reimbursable Umbrella SAA between NASA and ASRC Federal Data Solutions (AFDS) for Contractor 3rd Party Work (C3PW)	9/21/2022	2/28/2023	Reimbursable	\$2,310	KSC	KCA-4559-38 Rev Basic	Institutional and Mission Support	View Signed Agreement
652	37275	PAE-SGT Partners LLC	KCA-4608-2 Rev Basic, Annex 2 to Fully Reimbursable Umbrella SAA between NASA and PAE-SGT Partners LLC for C3PW	8/16/2022	12/31/2022	Reimbursable	\$18,281	KSC	KCA-4608-2 Rev Basic	Institutional and Mission Support	View Signed Agreement
653	37086	UNITED LAUNCH ALLIANCE, LLC	KCA-4556-35, Rev Basic Annex 35 to Fully Reimbursable SAA between United Launch Alliance, LLC and NASA for Use of Center Capabilities	8/2/2022	2/21/2023	Reimbursable	\$49,386	KSC	KCA-4556-35 Rev Basic	Human Exploration and Operations	View Signed Agreement
654	37074	Oak Ridge Associated Universities, Inc.	KCA-4719, Rev. Basic, Annex 2 to Umbrella Non-Reimbursable Space Act Agreement (NRSAA) 33159 with Oak Ridge Associated Universities, Inc. (ORAU)	9/23/2022	12/15/2025	Non-Reimbursable	\$85,725	KSC	KCA-4719 Rev. Basic	Human Exploration and Operations, Institutional and Mission Support	View Signed Agreement

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655	36918	Astra Space Operations Inc.	KCA-4695-4 Rev Basic, Reimbursable Umbrella SAA between NASA KSC and Astra Space Inc for Use of Center Capabilities	6/10/2022	9/30/2022	Reimbursable	\$14,052	KSC	KCA-4695-4 Rev Basic	Human Exploration and Operations	View Signed Agreement
656	36641	Relativity Space, Inc.	KCA-4678-5 Rev. Basic Reimbursable Space Act Agreement (RSAA) Umbrella Between Relativity Space, Inc. and NASA Kennedy Space Center for Use of Center Capabilities	5/5/2022	12/31/2023	Reimbursable	\$1,167,688	KSC	KCA-4678-5 Rev Basic	Human Exploration and Operations	View Signed Agreement
657	36570	Blue Origin Florida, LLC	KCA-4555-18 Rev Basic, Annex 18 to Fully Reimbursable Umbrella SAA Between NASA KSC and Blue Origin Florida, LLC for Use of Center Capabilities	5/16/2022	12/3/2023	Reimbursable	\$2,346,618	KSC	KCA-4555-18 Rev Basic	Human Exploration and Operations	View Signed Agreement
658	36477	HSG, LLC d/b/a HERNDON SOLUTIONS GROUP	KCA-4660-16 Rev. Basic, Annex 16 to Fully Reimbursable Umbrella SAA between NASA and HSG, LLC d/b/a Herndon Solutions Group for C3PW	4/4/2022	9/30/2022	Reimbursable	\$63	KSC	KCA-4660-16 Rev. Basic	Institutional and Mission Support	View Signed Agreement
659	36366	Astra Space Operations Inc.	KCA-4695-2 Rev Basic, Reimbursable Umbrella SAA between NASA KSC and Astra Space Inc for Use of Center Capabilities	3/11/2022	9/30/2022	Reimbursable	\$27,421	KSC	KCA-4695-2 Rev Basic	Human Exploration and Operations	View Signed Agreement
660	36352	Relativity Space, Inc.	KCA-4678-4 Rev Basic. Reimbursable Space Act Agreement (RSAA) Umbrella Between Relativity Space, Inc. and NASA Kennedy Space Center for Use of Center Capabilities	3/12/2022	7/27/2026	Reimbursable	\$18,442	KSC	KCA-4678-4 Rev Basic	Human Exploration and Operations	View Signed Agreement

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661	36257	HSG, LLC d/b/a HERNDON SOLUTIONS GROUP	KCA-4660-15 Rev. Basic, Annex 15 to Fully Reimbursable Umbrella SAA between NASA and HSG, LLC d/b/a Herndon Solutions Group for C3PW	3/1/2022	9/30/2022	Reimbursable	\$182	KSC	KCA-4660-15 Rev. Basic	Institutional and Mission Support	View Signed Agreement
662	36172	ROCKETSTAR, LLC	KCA-4701-2 Rev Basic annex to KCA-4701 Rev Basic, Reimbursable Umbrella SAA between NASA KSC and RocketStar LLC for Use of Center Capabilities	2/9/2022	9/30/2022	Reimbursable	\$38,417	KSC	KCA-4701-2 Rev Basic	Human Exploration and Operations	View Signed Agreement
663	36130	Relativity Space, Inc.	KCA-4678-3 Rev. Basic Reimbursable Space Act Agreement (RSAA) Umbrella Between Relativity Space, Inc. and NASA Kennedy Space Center for Use of Center Capabilities	2/24/2022	12/31/2022	Reimbursable	\$245,247	KSC	KCA-4678-3 Rev Basic	Human Exploration and Operations	View Signed Agreement
664	36119	SPACE EXPLORATION TECHNOLOGIES CORP	KCA-4513-25 Rev Basic , annex to Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for Use of Kennedy Space Center Capabilities	2/9/2022	11/17/2022	Reimbursable	\$1,153	KSC	KCA-4513-25 Rev Basic	Human Exploration and Operations	View Signed Agreement
665	35858	Relativity Space, Inc.	KCA-4678-2 Rev. Basic, Annex 2 to Reimbursable Space Act Agreement (RSAA) Umbrella Between Relativity Space, Inc. and NASA Kennedy Space Center for Use of Center Capabilities	12/17/2021	12/3/2023	Reimbursable	\$10,982	KSC	KCA-4678-2 Rev. Basic	Human Exploration and Operations	View Signed Agreement
666	35845	ROCKETSTAR, LLC	KCA-4701, Annex No. 1 to the Reimbursable Umbrella SAA Between NASA KSC and RocketStar LLC for Spaceport Operations and Integration Support	1/19/2022	1/19/2027	Reimbursable	\$54,428	KSC	KCA-4701-1 Rev Basic	Human Exploration and Operations	View Signed Agreement

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667	35844	ROCKETSTAR, LLC	KCA-4701 Rev Basic, Reimbursable Umbrella SAA between NASA KSC and RocketStar LLC for Use of Center Capabilities	1/19/2022	1/19/2027	Reimbursable	\$0	KSC	KCA-4701 Rev Basic	Human Exploration and Operations	View Signed Agreement
668	35841	AMENTUM SERVICES, INC.	KCA-4662-20 Rev Basic, Annex 20 to Fully Reimbursable Umbrella SAA between NASA and Amentum Services, Inc. for C3PW	12/7/2021	9/30/2022	Reimbursable	\$218	KSC	KCA-4662-20 Rev Basic	Institutional and Mission Support	View Signed Agreement
669	35779	AMENTUM SERVICES, INC.	KCA-4662-18 Rev Basic, Annex 18 to Fully Reimbursable Umbrella SAA between NASA and Amentum Services, Inc. for C3PW	11/24/2021	9/30/2022	Reimbursable	\$5,259	KSC	KCA-4662-18 Rev Basic	Institutional and Mission Support	View Signed Agreement
670	35743	Rocket Crafters, Inc	KCA-4700-1, Revision Basic Annex 1 to the Reimbursable Space Act Agreement (RSAA) Umbrella Between NASA Kennedy Space Center and Rocket Crafters, Inc. for Spaceport Integration Support	2/9/2022	2/9/2027	Reimbursable	\$54,428	KSC	KCA-4700-1 Rev Basic	Institutional and Mission Support	View Signed Agreement
671	35742	Rocket Crafters, Inc	KCA-4700, Rev Basic Umbrella Agreement Between KSC and Rocket Crafters for Use of Center Capabilities	2/9/2022	2/9/2027	Reimbursable	\$0	KSC	KCA-4700 Rev Basic	Institutional and Mission Support	View Signed Agreement
672	35721	AMENTUM SERVICES, INC.	KCA-4662-19 Rev Basic, Annex 19 to Fully Reimbursable Umbrella SAA between NASA and Amentum Services, Inc. for C3PW	11/15/2021	9/30/2022	Reimbursable	\$413	KSC	KCA-4662-19 Rev Basic	Institutional and Mission Support	View Signed Agreement

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673	35549	AMENTUM SERVICES, INC.	KCA-4662-17 Rev Basic, Annex 17 to Fully Reimbursable Umbrella SAA between NASA and Amentum Services, Inc. for C3PW	10/25/2021	9/30/2022	Reimbursable	\$818	KSC	KCA-4662-17 Rev Basic	Institutional and Mission Support	View Signed Agreement
674	35467	ASRC Federal Data Solutions	KCA-4559-36 Rev. Basic, Annex 36 to Fully Reimbursable Umbrella SAA between NASA and ASRC Federal Data Solutions for C3PW	9/30/2021	2/28/2023	Reimbursable	\$1,858	KSC	KCA-4559-36 Rev. Basic	Institutional and Mission Support	View Signed Agreement
675	35443	ASRC Federal Data Solutions	KCA-4559-35 Rev. Basic, Annex 35 to Fully Reimbursable Umbrella SAA between NASA and ASRC Federal Data Solutions for C3PW	9/30/2021	9/30/2022	Reimbursable	\$1,544	KSC	KCA-4559-35 Rev. Basic	Institutional and Mission Support	View Signed Agreement
676	35389	Blue Origin Florida, LLC	KCA-4555-17 Rev Basic annex to Fully Reimbursable Umbrella SAA Between NASA KSC and Blue Origin Florida, LLC for Use of Center Capabilities	9/15/2021	12/3/2023	Reimbursable	\$1,679	KSC	KCA-4555-17 Rev Basic	Human Exploration and Operations	View Signed Agreement
677	35375	Innovative Technology, Inc.	KCA-4694-1 Rev. Basic, Annex 1 to the Reimbursable Space Act Agreement (RSAA) Umbrella Agreement Between NASA and Innovative Technology, Inc. for General Corrosion Testing	1/14/2022	1/14/2027	Reimbursable	\$83,261	KSC	KCA-4694-1 Rev. Basic	Institutional and Mission Support	View Signed Agreement
678	35374	Innovative Technology, Inc.	KCA-4694. Rev. Basic Fully Reimbursable Umbrella Space Act Agreement Between The National Aeronautics and Space Administration John F. Kennedy Space Center and Innovative Technology, Inc. for Use of Center Capabilities	1/14/2022	1/14/2027	Reimbursable	\$0	KSC	KCA-4694. Rev. Basic	Institutional and Mission Support	View Signed Agreement

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679	35360	Astra Space Operations Inc	KCA-4695-1 Rev. Basic, Annex No. 1 to the Reimbursable Umbrella SAA Between NASA KSC and Astra Space Inc for Spaceport Operations and Integration Support	12/21/2021	12/21/2026	Reimbursable	\$53,999	KSC	KCA-4695-1 Rev Basic	Human Exploration and Operations	View Signed Agreement
680	35359	Astra Space Operations Inc.	KCA-4695 Rev Basic, Reimbursable Umbrella SAA between NASA KSC and Astra Space Inc for Use of Center Capabilities	12/21/2021	12/21/2026	Reimbursable	\$0	KSC	KCA-4695 Rev Basic	Human Exploration and Operations	View Signed Agreement
681	35327	SPACE EXPLORATION TECHNOLOGIES CORP	KCA-4513-24 Rev Basic, annex to Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for Use of Kennedy Space Center Capabilities	9/10/2021	11/17/2022	Reimbursable	\$106,193	KSC	KCA-4513-24 Rev Basic	Human Exploration and Operations	View Signed Agreement
682	35282	ASRC Federal Data Solutions	KCA-4559-34 Rev Basic, Annex 34 to Fully Reimbursable Umbrella SAA between NASA and ASRC Federal Data Solutions for C3PW	9/20/2021	2/28/2023	Reimbursable	\$97,446	KSC	KCA-4559-34 Rev Basic	Institutional and Mission Support	View Signed Agreement
683	35281	ASRC Federal Data Solutions	KCA-4559-33 Rev Basic, Annex 33 to Fully Reimbursable Umbrella SAA between NASA and ASRC Federal Data Solutions for C3PW	9/30/2021	2/28/2023	Reimbursable	\$188,578	KSC	KCA-4559-33 Rev Basic	Institutional and Mission Support	View Signed Agreement
684	35280	AMENTUM SERVICES, INC.	KCA-4662-16 Rev Basic, Annex 16 to Fully Reimbursable Umbrella SAA between NASA and Amentum Services, Inc. for C3PW	10/19/2021	9/30/2022	Reimbursable	\$1,439	KSC	KCA-4662-16 Rev Basic	Institutional and Mission Support	View Signed Agreement

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685	35279	AMENTUM SERVICES, INC.	KCA-4662-15 Rev Basic, Annex 15 to Fully Reimbursable Umbrella SAA between NASA and Amentum Services, Inc. for C3PW	10/7/2021	9/30/2022	Reimbursable	\$450	KSC	KCA-4662-15 Rev Basic	Institutional and Mission Support	View Signed Agreement
686	35278	AMENTUM SERVICES, INC.	KCA-4662-14 Rev Basic, Annex 14 to Fully Reimbursable Umbrella SAA between NASA and Amentum Services, Inc. for C3PW	10/7/2021	9/30/2022	Reimbursable	\$472	KSC	KCA-4662-14 Rev Basic	Institutional and Mission Support	View Signed Agreement
687	35277	AMENTUM SERVICES, INC.	KCA-4662-13 Rev Basic, Annex 13 to Fully Reimbursable Umbrella SAA between NASA and Amentum Services, Inc. for C3PW	10/7/2021	9/30/2022	Reimbursable	\$353	KSC	KCA-4662-13 Rev Basic	Institutional and Mission Support	View Signed Agreement
688	35276	AMENTUM SERVICES, INC.	KCA-4662-12 Rev Basic, Annex 12 to Fully Reimbursable Umbrella SAA between NASA and Amentum Services, Inc. for C3PW	10/7/2021	9/30/2022	Reimbursable	\$589	KSC	KCA-4662-12 Rev Basic	Institutional and Mission Support	View Signed Agreement
689	35269	Jacobs Technologies Inc.	KCA-4604-6 Rev Basic, Annex 6 to Fully Reimbursable Umbrella SAA between NASA and Jacobs Technology Inc for C3PW	9/29/2021	9/30/2022	Reimbursable	\$557,723	KSC	KCA-4604-6 Rev Basic	Institutional and Mission Support	View Signed Agreement
690	35213	HSG, LLC d/b/a HERNDON SOLUTIONS GROUP	KCA-4660-13 Rev. Basic, Annex 13 to Fully Reimbursable Umbrella SAA between NASA and HSG, LLC d/b/a Herndon Solutions Group for C3PW	9/30/2021	9/30/2022	Reimbursable	\$936	KSC	KCA-4660-13 Rev. Basic	Institutional and Mission Support	View Signed Agreement

List of Active Domestic Space Act Agreements Signed After July 31, 2017 Citing NASA's "Other Transactions Authority" under the Space Act (51 U.S.C. § 20113(e))
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691	35202	HSG, LLC d/b/a HERNDON SOLUTIONS GROUP	KCA-4660-12 Rev. Basic, Annex 12 to Fully Reimbursable Umbrella SAA between NASA and HSG, LLC d/b/a Herndon Solutions Group for C3PW	9/30/2021	9/30/2022	Reimbursable	\$2,682	KSC	KCA-4660-12 Rev. Basic	Institutional and Mission Support	View Signed Agreement
692	35201	HSG, LLC d/b/a HERNDON SOLUTIONS GROUP	KCA-4660-11 Rev. Basic, Annex 11 to Fully Reimbursable Umbrella SAA between NASA and HSG, LLC d/b/a Herndon Solutions Group for C3PW	9/23/2021	9/30/2022	Reimbursable	\$736	KSC	KCA-4660-11 Rev. Basic	Institutional and Mission Support	View Signed Agreement
693	35200	HSG, LLC d/b/a HERNDON SOLUTIONS GROUP	KCA-4660-10 Rev. Basic, Annex 10 to Fully Reimbursable Umbrella SAA between NASA and HSG, LLC d/b/a Herndon Solutions Group for C3PW	9/30/2021	9/30/2022	Reimbursable	\$290	KSC	KCA-4660-10 Rev. Basic	Institutional and Mission Support	View Signed Agreement
694	35055	HSG, LLC d/b/a HERNDON SOLUTIONS GROUP	KCA-4660-9 Rev. Basic, Annex 9 to Fully Reimbursable Umbrella SAA between NASA and HSG, LLC d/b/a Herndon Solutions Group for C3PW	9/30/2021	9/30/2022	Reimbursable	\$936	KSC	KCA-4660-9 Rev. Basic	Institutional and Mission Support	View Signed Agreement
695	34809	Florida Institute of Technology, Inc.	KCA-4683-1, Rev Basic Annex 1 to Non-Reimbursable Space Act Agreement (NRSAA) with Florida Institute of Technology, Inc. (Florida Tech) for Joint Research on the Performance of Crop Species Grown in Lunar and Martian Simulants	10/8/2021	10/8/2024	Non-Reimbursable	\$40,324	KSC	KCA-4683-1 Rev Basic	Space Technology	View Signed Agreement
696	34808	Florida Institute of Technology, Inc.	KCA-4683, Rev Basic of Non-Reimbursable Space Act Agreement (NRSAA) with Florida Institute of Technology, Inc. (Florida Tech) for Collaborative Research, Education and Outreach Activities	10/8/2021	10/8/2026	Non-Reimbursable	\$0	KSC	KCA-4683 Rev Basic	Space Technology	View Signed Agreement

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697	34757	SPACE EXPLORATION TECHNOLOGIES CORP	KCA-4513-23 Rev Basic, Annex No 23 to Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for Use of Kennedy Space Center Capabilities	6/4/2021	11/17/2022	Reimbursable	\$9,159,229	KSC	KCA-4513-23 Rev Basic	Human Exploration and Operations	View Signed Agreement
698	34751	Virgin Orbit	KCA-4680-4 , Rev Basic, Annex 4 between NASA KSC and Virgin Orbit, LLC under Ames Space Act Umbrella Agreement SAA2-403586 for sharing Thermal Protection System (TPS) related Shuttle Orbiter specifications and providing NASA engineering expertise.	7/20/2021	3/31/2023	Reimbursable	\$10,552	KSC	KCA-4680-4 Rev Basic	Institutional and Mission Support	View Signed Agreement
699	34588	Relativity Space, Inc.	KCA-4678-1, Revision Basic Annex 1 to the Reimbursable Space Act Agreement (RSAA) Umbrella Between NASA Kennedy Space Center and Relativity Space, Inc. for Spaceport Integration Support	7/27/2021	7/27/2026	Reimbursable	\$58,698	KSC	KCA-4678-1 Rev. Basic	Institutional and Mission Support	View Signed Agreement
700	34587	Relativity Space, Inc.	KCA-4678 Rev. Basic Reimbursable Space Act Agreement (RSAA) Umbrella Between Relativity Space, Inc. and NASA Kennedy Space Center for Use of Center Capabilities	7/27/2021	7/27/2026	Reimbursable	\$0	KSC	KCA-4678 Rev. Basic	Institutional and Mission Support	View Signed Agreement
701	34267	Blue Origin Florida, LLC	KCA-4555-15 Rev Basic, Annex 15 to Fully Reimbursable Umbrella SAA Between NASA KSC and Blue Origin Florida, LLC for Use of Center Capabilities	3/16/2021	12/3/2023	Reimbursable	\$193,860	KSC	KCA-4555-15 Rev Basic	Human Exploration and Operations	View Signed Agreement
702	34125	Blue Origin Florida, LLC	KCA-4555-13 Rev Basic, Annex 13 to Fully Reimbursable Umbrella SAA Between NASA KSC and Blue Origin Florida, LLC for Use of Center Capabilities	2/26/2021	12/3/2023	Reimbursable	\$56,866	KSC	KCA-4555-13 Rev Basic	Human Exploration and Operations	View Signed Agreement

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703	34123	Blue Origin Florida, LLC	KCA-4555-12 Rev Basic, Annex 12 to Fully Reimbursable Umbrella SAA Between NASA KSC and Blue Origin Florida, LLC for Use of Center Capabilities	2/10/2021	12/3/2022	Reimbursable	\$146,292	KSC	KCA-4555-12 Rev Basic	Human Exploration and Operations	View Signed Agreement
704	34047	Axiom Space, LLC	KCA-4682-1 Rev Basic, Annex No. 1 to the Fully Reimbursable Umbrella SAA Between NASA KSC and Axiom Space, Inc. for Spaceport Operations and Integration Support	1/24/2022	1/24/2023	Reimbursable	\$10,344	KSC	KCA-4682-1 Rev Basic	Institutional and Mission Support	View Signed Agreement
705	34046	Axiom Space, LLC	KCA-4682, Rev. Basic Fully Reimbursable Umbrella SAA Between NASA KSC and Axiom Space, Inc. for Use of Center Capabilities	1/24/2022	1/24/2027	Reimbursable	\$0	KSC	KCA-4682, Rev. Basic	Institutional and Mission Support	View Signed Agreement
706	34023	Firefly Aerospace Inc.	KCA-4671-1, Revision Basic Annex 1 to the Reimbursable Space Act Agreement (RSAA) Umbrella Agreement Between NASA KSC and Firefly Aerospace Inc. for Launch Telemetry and Communication Services at Vandenberg Air Force Base	3/2/2021	3/2/2023	Reimbursable	\$314,026	KSC	KCA-4671-1 Rev. Basic	Human Exploration and Operations	View Signed Agreement
707	34022	Firefly Aerospace Inc.	KCA-4671, Rev. Basic Fully Reimbursable Umbrella SAA Between NASA KSC and Firefly Aerospace Inc. for Use of Center Capabilities	3/1/2021	3/1/2026	Reimbursable	\$0	KSC	KCA-4671 Rev. Basic	Human Exploration and Operations	View Signed Agreement
708	33991	PAE-SGT Partners LLC	KCA-4608 Rev Basic, Fully Reimbursable Umbrella SAA between NASA and PAE-SGT Partners LLC for C3PW	9/15/2021	3/31/2023	Reimbursable	\$0	KSC	KCA-4608 Rev Basic	Institutional and Mission Support	View Signed Agreement

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709	33945	United Launch Alliance	KCA-4654-1 Rev Basic, Annex 1 for Demonstration of Cryogenic Technologies in a Flight-like Upper Stage	6/23/2022	6/22/2027	Non-Reimbursable	\$1,054,919	KSC	KCA-4654-1 Rev Basic	Human Exploration and Operations	View Signed Agreement
710	33944	United Launch Alliance	KCA-4654, Rev Basic of Non-Reimbursable Space Act Agreement (NRSAA) with United Launch Alliance (ULA) for Demonstration of Cryogenic and Secondary Payload Technologies for Launch Vehicles	6/23/2022	6/22/2027	Non-Reimbursable	\$0	KSC	KCA-4654 Rev Basic	Human Exploration and Operations, Space Technology	View Signed Agreement
711	33890	Blue Origin Florida, LLC	KCA-4555-14 Rev Basic, Annex 14 to Fully Reimbursable Umbrella SAA Between NASA KSC and Blue Origin Florida, LLC for Use of Center Capabilities	2/10/2021	12/3/2023	Reimbursable	\$404,132	KSC	KCA-4555-14 Rev Basic	Human Exploration and Operations	View Signed Agreement
712	33726	SPACE EXPLORATION TECHNOLOGIES CORP	KCA-4513-22 Rev Basic, Annex 22 to Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for Use of Kennedy Space Center Capabilities	11/16/2020	11/17/2022	Reimbursable	\$86,844	KSC	KCA-4513-22 Rev Basic	Human Exploration and Operations	View Signed Agreement
713	33588	UNITED LAUNCH ALLIANCE, LLC	KCA-4556-34 Rev Basic, Annex 34 to Fully Reimbursable SAA between United Launch Alliance, LLC and NASA for Use of Center Capabilities	10/21/2020	2/21/2023	Reimbursable	\$71,334	KSC	KCA-4556-34 Rev Basic	Human Exploration and Operations	View Signed Agreement
714	33564	THE BOEING COMPANY	KCA-4515-9 Rev Basic, Annex 9 to Reimbursable Umbrella SAA between NASA KSC and The Boeing Company for Use of Center Capabilities	11/17/2020	8/21/2023	Reimbursable	\$29,166	KSC	KCA-4515-9 Rev Basic	Human Exploration and Operations	View Signed Agreement

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715	33515	Southeast Coastal Ocean Observing Regional Association	KCA-4676 Rev Basic, Reimbursable Space Act Agreement Between NASA-KSC and Southeast Coastal Ocean Observing Regional Association for Electrical Services	3/31/2022	3/30/2027	Reimbursable	\$2,079	KSC	KCA-4676 Rev. Basic	Institutional and Mission Support	View Signed Agreement
716	33494	HSG, LLC d/b/a HERNDON SOLUTIONS GROUP	KCA-4660-2 Rev Basic, Annex 2 to Fully Reimbursable Umbrella SAA between NASA and HSG, LLC d/b/a Herndon Solutions Group for C3PW	10/7/2020	9/30/2022	Reimbursable	\$1,289	KSC	KCA-4660-2 Rev Basic	Institutional and Mission Support	View Signed Agreement
717	33461	HSG, LLC d/b/a HERNDON SOLUTIONS GROUP	KCA-4660 Rev Basic, Fully Reimbursable Umbrella SAA between NASA and HSG, LLC d/b/a Herndon Solutions Group for C3PW	10/7/2020	9/30/2024	Reimbursable	\$0	KSC	KCA-4660 Rev Basic	Institutional and Mission Support	View Signed Agreement
718	33420	AMENTUM SERVICES, INC.	KCA-4662 Rev Basic, Fully Reimbursable Umbrella SAA between NASA and Amentum Services, Inc. for C3PW	10/29/2020	9/30/2024	Reimbursable	\$0	KSC	KCA-4662 Rev Basic	Institutional and Mission Support	View Signed Agreement
719	33334	THE BOEING COMPANY	KCA-4515-8 Rev Basic, Annex 8 to Reimbursable Umbrella SAA between NASA KSC and The Boeing Company for Use of Center Capabilities	9/15/2020	8/21/2023	Reimbursable	\$19,293	KSC	KCA-4515-8 Rev Basic	Human Exploration and Operations	View Signed Agreement
720	33163	United States Department of Agriculture	KCA-4657 Rev Basic, Memorandum of Understanding between USDA-ARS and KSC for Plant Propagation Research	10/19/2020	10/19/2025	Non-Reimbursable	\$1,136,703	KSC	KCA-4657 Rev Basic	Human Exploration and Operations, Space Technology	View Signed Agreement

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721	33150	United States Department of Agriculture	KCA-4658 Rev Basic, Memorandum of Understanding between USDA-ARS and KSC for Microgreens Research	10/20/2020	10/20/2023	Non-Reimbursable	\$386,829	KSC	KCA-4658 Rev Basic	Human Exploration and Operations, Space Technology	View Signed Agreement
722	32784	UNITED LAUNCH ALLIANCE, LLC	KCA-4556-33 Rev Basic, Annex 33 to Fully Reimbursable SAA between United Launch Alliance, LLC and NASA for Use of Center Capabilities	6/11/2020	2/21/2023	Reimbursable	\$280,677	KSC	KCA-4556-33 Rev Basic	Human Exploration and Operations	View Signed Agreement
723	32750	KT Engineering Corporation	KCA-4650-1 Rev Basic, Annex No. 1 to the Fully Reimbursable Umbrella SAA Between NASA KSC and KT Engineering Corp. for Ground Systems Design Review	9/1/2020	9/1/2025	Reimbursable	\$149,287	KSC	KCA-4650-1 Rev Basic	Human Exploration and Operations	View Signed Agreement
724	32749	KT Engineering Corporation	KCA-4650, Rev. Basic Fully Reimbursable Umbrella SAA Between NASA KSC and KT Engineering Corp. for Use of Center Capabilities	9/1/2020	9/1/2025	Reimbursable	\$0	KSC	KCA-4650 Rev Basic	Human Exploration and Operations	View Signed Agreement
725	32666	The University of Central Florida	KCA-4648-1 Rev. Basic, Annex 1 of Reimbursable Space Act Umbrella Agreement Between the National Aeronautics and Space Administration (NASA) John F. Kennedy Space Center (KSC) and The University of Central Florida (UCF) Central Florida Board of Trustees for Use of Center Capabilities	2/25/2022	2/24/2027	Reimbursable	\$713,131	KSC	KCA-4648-1 Rev. Basic	Institutional and Mission Support	View Signed Agreement
726	32665	University of Central Florida Board of Trustees	KCA-4648 Rev. Basic, Reimbursable Space Act Umbrella Agreement Between The National Aeronautics and Space Administration (NASA) John F. Kennedy Space Center (KSC) and The University of Central Florida (UCF) Central Florida Board of Trustees for Use of Center Capabilities	2/25/2022	2/24/2027	Reimbursable	\$0	KSC	KCA-4648 Rev. Basic	Space Technology	View Signed Agreement

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727	32270	Florida League of Cities	KCA-4601-2 Rev Basic, Annex 2 to Reimbursable Umbrella SAA between NASA KSC and Florida League of Cities for Development and Demonstration of Sustainable Composites (KCA-4601)	5/3/2021	11/3/2023	Reimbursable	\$548,002	KSC	KCA-4601-2 Rev Basic	Space Technology	View Signed Agreement
728	32261	Space Perspective, Inc.	KCA-4641, Rev. Basic Fully Reimbursable Umbrella SAA Between NASA KSC and Space Perspective, Inc. for Use of Center Capabilities	4/27/2020	4/27/2025	Reimbursable	\$0	KSC	KCA-4641 Rev Basic	Human Exploration and Operations	View Signed Agreement
729	32230	UNITED LAUNCH ALLIANCE, LLC	KCA-4556-31 Rev Basic, Annex 31 to Fully Reimbursable SAA between United Launch Alliance, LLC and NASA for Use of Center Capabilities	3/13/2020	2/21/2023	Reimbursable	\$84,571	KSC	KCA-4556-31 Rev Basic	Human Exploration and Operations	View Signed Agreement
730	32039	Blue Origin Florida, LLC	KCA-4555-8 Rev Basic, Annex 8 to Fully Reimbursable Umbrella SAA Between NASA KSC and Blue Origin Florida, LLC for Use of Center Capabilities	2/21/2020	12/3/2023	Reimbursable	\$927,758	KSC	KCA-4555-8 Rev Basic	Human Exploration and Operations	View Signed Agreement
731	31927	The Astronauts Memorial Foundation	KCA-4638, Revision Basic for Reimbursable Space Act Agreement Between NASA KSC and the Astronaut Memorial Foundation, Inc. for Services at the Center for Space Education	6/5/2020	6/4/2025	Reimbursable	\$490,882	KSC	KCA-4638 Rev Basic	Institutional and Mission Support	View Signed Agreement
732	31878	Blue Origin Florida, LLC	KCA-4555-7 Rev Basic, Annex No. 7 to Fully Reimbursable Umbrella SAA Between NASA KSC and Blue Origin Florida, LLC for Use of Center Capabilities	1/27/2020	12/3/2023	Reimbursable	\$74,487	KSC	KCA-4555-7 Rev Basic	Human Exploration and Operations	View Signed Agreement

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733	31537	UNITED LAUNCH ALLIANCE, LLC	KCA-4556-28 Rev Basic, Annex No. 28 to Fully Reimbursable SAA between United Launch Alliance, LLC and NASA for Use of Center Capabilities	11/14/2019	2/21/2023	Reimbursable	\$41,828,186	KSC	KCA-4556-28 Rev Basic	Human Exploration and Operations	View Signed Agreement
734	31382	THE BOEING COMPANY	KCA-4515-7 Rev Basic, Annex 7 to Reimbursable Umbrella SAA between NASA KSC and The Boeing Company for Use of Center Capabilities	10/17/2019	8/20/2023	Reimbursable	\$1,087,279	KSC	KCA-4515-7 Rev. Basic	Human Exploration and Operations	View Signed Agreement
735	31293	UNITED LAUNCH ALLIANCE, LLC	KCA-4556-27 Rev Basic, Annex No. 27 to Fully Reimbursable SAA between United Launch Alliance, LLC and NASA for Use of Center Capabilities	9/25/2019	2/21/2023	Reimbursable	\$701,300	KSC	KCA-4556-27 Rev Basic	Human Exploration and Operations	View Signed Agreement
736	31241	Eastern Florida State College	KCA-4629 Rev Basic, High Schools United with NASA to Create Hardware (HUNCH)	10/22/2019	10/22/2024	Non-Reimbursable	\$28,331	KSC	KCA-4629 Rev Basic	Education and/or Public Engagement	View Signed Agreement
737	31127	THE BOEING COMPANY	KCA-4515-3 Rev Basic, Annex No. 3 to Reimbursable Umbrella SAA between NASA KSC and The Boeing Company for Use of Center Capabilities (KCA-4515-3)	9/13/2019	8/21/2023	Reimbursable	\$49,765	KSC	KCA-4515-3 Rev Basic	Human Exploration and Operations	View Signed Agreement
738	30997	SPACE EXPLORATION TECHNOLOGIES CORP	KCA-4513-18 Rev Basic, Annex No. 18 to Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for Use of Kennedy Space Center Capabilities	9/16/2019	9/30/2022	Reimbursable	\$23,057	KSC	KCA-4513-18 Rev Basic	Human Exploration and Operations	View Signed Agreement

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739	30833	SPACE COAST MACHINIST APPRENTICESHIP PROGRAM, INC.	KCA-4625 Rev Basic, Nonreimbursable Space Act Agreement Between the National Aeronautics and Space Administration John F. Kennedy Space Center and Space Coast Machinist Apprenticeship Program for High Schools United with NASA to Create Hardware (HUNCH) Program	10/24/2019	10/24/2024	Non-Reimbursable	\$28,397	KSC	KCA-4625 Rev Basic	Education and/or Public Engagement	View Signed Agreement
740	30770	UNITED LAUNCH ALLIANCE, LLC	KCA-4556-24 Rev Basic, Annex No. 24 to Fully Reimbursable SAA between United Launch Alliance, LLC and NASA for Use of Center Capabilities (KCA-4556-24)	7/19/2019	2/21/2023	Reimbursable	\$18,388	KSC	KCA-4556-24 Rev Basic	Human Exploration and Operations	View Signed Agreement
741	30494	UNIVERSITY OF DAYTON	KCA-4550-2 Rev Basic, Annex No. 2 to Reimbursable Umbrella SAA between KSC and University of Dayton for Corrosion Testing (KCA-4550-2)	9/11/2019	12/22/2022	Reimbursable	\$42,788	KSC	KCA-4550-2 Rev Basic	Institutional and Mission Support	View Signed Agreement
742	30212	Blue Origin Florida, LLC	KCA-4555-5 Rev Basic, Annex No.5 to Fully Reimbursable Umbrella SAA Between NASA KSC and Blue Origin Florida, LLC for Use of Center Capabilities	4/25/2019	12/3/2023	Reimbursable	\$717,194	KSC	KCA-4555-5 Rev Basic	Human Exploration and Operations	View Signed Agreement
743	30165	Jacobs Technologies Inc.	KCA-4604 Rev Basic, Fully Reimbursable Umbrella SAA between NASA and Jacobs Technology Inc for C3PW	4/29/2019	1/31/2023	Reimbursable	\$0	KSC	KCA-4604 Rev Basic	Institutional and Mission Support	View Signed Agreement
744	30047	Blue Origin Florida, LLC	KCA-4555-4 Rev Basic, Annex No. 4 to Fully Reimbursable Umbrella SAA Between NASA KSC and Blue Origin Florida, LLC for Use of Center Capabilities (KCA-4555-4)	4/5/2019	12/3/2023	Reimbursable	\$46,596	KSC	KCA-4555-4 Rev Basic	Human Exploration and Operations	View Signed Agreement

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745	29903	ASTRONAUTS MEMORIAL FOUNDATION	KCA-4605 Rev Basic, SAA between NASA and the Astronaut Memorial Foundation for a NASA Exploration Station	4/5/2019	4/5/2024	Non-Reimbursable	\$1,082,832	KSC	KCA-4605 Rev Basic	Institutional and Mission Support	View Signed Agreement
746	29841	Winston-Salem State University	KCA-4611 Rev Basic, KSC Food Production and Winston-Salem State University	7/24/2019	7/24/2023	Non-Reimbursable	\$85,105	KSC	KCA-4611 Rev Basic	Science	View Signed Agreement
747	29814	Florida League of Cities	KCA-4601 Rev Basic, Reimbursable Umbrella SAA between NASA KSC and Florida League of Cities for Development and Demonstration of Sustainable Composites (KCA-4601)	7/1/2019	7/1/2024	Reimbursable	\$0	KSC	KCA-4601 Rev Basic	Space Technology	View Signed Agreement
748	29804	Astrotech Space Operations, LLC	KCA-4603, Nonreimbursable Space Act Agreement Between NASA KSC and Astrotech Space Operations, LLC for Reciprocal Access to Fiber Optic Communications Circuit	8/21/2019	8/21/2024	Non-Reimbursable	\$172,855	KSC	KCA-4603 Rev. Basic	Institutional and Mission Support	View Signed Agreement
749	29787	Blue Origin Florida, LLC	KCA-4555-3 Rev Basic, Annex No. 3 to Fully Reimbursable Umbrella SAA Between NASA KSC and Blue Origin Florida, LLC for Use of Center Capabilities (KCA-4555-3)	2/14/2019	12/3/2023	Reimbursable	\$86,145	KSC	KCA-4555-3 Rev Basic	Human Exploration and Operations	View Signed Agreement
750	29729	Blazing Trails	KCA-4606, Nonreimbursable Space Act Agreement Between the National Aeronautics and Space Administration John F. Kennedy Space Center and Blazing Trails for High Schools United with NASA to Create Hardware (HUNCH) Program	5/8/2019	5/8/2024	Non-Reimbursable	\$48,432	KSC	KCA-4606 Rev Basic	Education and/or Public Engagement	View Signed Agreement

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751	29653	Pressure Dynamic Consultants PDC Machines Inc.	KCA-4598-1 Rev Basic, Research and Development of Hydrogen Liquid to Gas Conversion Machine	6/5/2019	9/30/2022	Reimbursable	\$96,304	KSC	KCA-4598-1 Rev Basic	Space Technology	View Signed Agreement
752	29652	Pressure Dynamic Consultants PDC Machines Inc.	KCA-4598 Rev Basic, Reimbursable Umbrella SAA with PDC for High Pressure Hydrogen Pump Research and Testing	6/5/2019	6/4/2024	Reimbursable	\$0	KSC	KCA-4598 Rev Basic	Space Technology	View Signed Agreement
753	29609	Blue Origin Florida, LLC	Annex No. 2 to Fully Reimbursable Umbrella SAA Between NASA KSC and Blue Origin Florida, LLC for Use of Center Capabilities	12/27/2018	12/3/2023	Reimbursable	\$471	KSC	KCA-4555-2 Rev Basic	Human Exploration and Operations	View Signed Agreement
754	29503	University of North Dakota	Nonreimbursable Space Act Agreement with University of North Dakota MISSE-11 Mission for Spacesuit Material Sample	12/13/2018	12/13/2023	Non-Reimbursable	\$2,214	KSC	KCA-4595 Rev Basic	Human Exploration and Operations, Science	View Signed Agreement
755	29481	UNITED LAUNCH ALLIANCE, LLC	Annex No.13 to Fully Reimbursable SAA between United Launch Alliance, LLC and NASA for Use of Center Capabilities	12/3/2018	2/21/2023	Reimbursable	\$52,637	KSC	KCA-4556-13 Rev Basic	Human Exploration and Operations	View Signed Agreement
756	29404	Level 3 Communications, LLC	Space Act Agreement between NASA, KSC and Level 3 Communications LLC for Use of Various Fiber Optics Terminals	2/22/2019	2/22/2024	Non-Reimbursable	\$0	KSC	KCA-4586 Rev Basic	Institutional and Mission Support	View Signed Agreement

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757	29277	BLUE ORIGIN, LLC	Annex 1 for Fully Reimbursable Umbrella SAA Between NASA KSC and Blue Origin Florida, LLC for Use of Center Capabilities	12/3/2018	12/3/2023	Reimbursable	\$477,888	KSC	KCA-4555-1 Rev. Basic	Human Exploration and Operations	View Signed Agreement
758	29276	Blue Origin Florida, LLC	Fully Reimbursable Umbrella SAA Between NASA KSC and Blue Origin Florida, LLC for Use of Center Capabilities	12/3/2018	12/3/2023	Reimbursable	\$0	KSC	KCA-4555 Rev. Basic	Human Exploration and Operations	View Signed Agreement
759	29263	THE BOEING COMPANY	Annex No. 4 to Reimbursable Umbrella SAA between NASA KSC and The Boeing Company for Use of Center Capabilities	10/1/2018	8/21/2023	Reimbursable	\$58,740	KSC	KCA-4515-4 Rev Basic	Human Exploration and Operations	View Signed Agreement
760	29191	Volusia County Schools	KCA-4591, Nonreimbursable SAA between NASA, KSC and Volusia County Schools for High School Students United with NASA to Create Hardware (HUNCH) Program Participation with Volusia County Schools	3/7/2019	3/7/2024	Non-Reimbursable	\$70,444	KSC	KCA-4591 Rev Basic	Education and/or Public Engagement	View Signed Agreement
761	29174	Lake Technical College	KCA-4590, Nonreimbursable SAA between NASA, KSC and Lake Technical College for High School Students United with NASA to Create Hardware (HUNCH) Program Participation with Lake Technical College (LTC)	3/15/2019	3/15/2024	Non-Reimbursable	\$67,904	KSC	KCA-4590 Rev Basic	Education and/or Public Engagement	View Signed Agreement
762	29094	UNITED LAUNCH ALLIANCE, LLC	Annex No. 11 to Fully Reimbursable SAA between United Launch Alliance, LLC and NASA for Use of Center Capabilities	9/13/2018	2/21/2023	Reimbursable	\$1,126,281	KSC	KCA-4556-11 Rev Basic	Human Exploration and Operations	View Signed Agreement

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763	29093	SPACE EXPLORATION TECHNOLOGIES CORP	Annex No. 11 to Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for Use of Kennedy Space Center Capabilities	9/24/2018	11/17/2022	Reimbursable	\$794,009	KSC	KCA-4513-11 Rev Basic	Human Exploration and Operations	View Signed Agreement
764	29072	SPACE EXPLORATION TECHNOLOGIES CORP	Annex No. 9 to Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for Use of Kennedy Space Center Capabilities	9/11/2018	11/17/2022	Reimbursable	\$976,736	KSC	KCA-4513-9 Rev Basic	Human Exploration and Operations	View Signed Agreement
765	29049	UNITED LAUNCH ALLIANCE, LLC	Annex No. 7 to Fully Reimbursable SAA between United Launch Alliance, LLC and NASA for Use of Center Capabilities	9/11/2018	2/21/2023	Reimbursable	\$205,907	KSC	KCA-4556-7 Rev Basic	Human Exploration and Operations	View Signed Agreement
766	28870	THE BOEING COMPANY	Annex No. 1 to Reimbursable Umbrella SAA between NASA KSC and The Boeing Company for Use of Center Capabilities	8/21/2018	8/21/2023	Reimbursable	\$741,639	KSC	KCA-4515-1 Rev Basic	Human Exploration and Operations	View Signed Agreement
767	28869	THE BOEING COMPANY	Reimbursable Umbrella SAA between NASA KSC and The Boeing Company for Use of Center Capabilities	8/21/2018	8/21/2023	Reimbursable	\$0	KSC	KCA-4515 Rev Basic	Human Exploration and Operations	View Signed Agreement
768	28819	Polk State College	Nonreimbursable SAA between NASA and Polk State College for High School Students United with NASA to Create Hardware (HUNCH) Program Participation	8/6/2018	8/6/2023	Non-Reimbursable	\$57,191	KSC	KCA-4582 Rev Basic	Education and/or Public Engagement	View Signed Agreement

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769	27999	SPACE FLORIDA, AN INDEPENDENT SPECIAL DISTRICT OF THE STATE OF FLORIDA	Annex No.8 to Reimbursable Space Act Agreement with Space Florida for Use of Center Capabilities	4/18/2018	12/14/2022	Reimbursable	\$45,537	KSC	KCA-4548-8 Rev Basic	Institutional and Mission Support	View Signed Agreement
770	27912	University of Florida	Annex No. 1 to Development of Biological Imaging Systems for Growth, Biological Assessment of Flight Hardware and Space Biology Studies in Space relevant Environments with University of Florida (KCA-4572-1)	11/14/2018	11/14/2023	Non-Reimbursable	\$129,077	KSC	KCA-4572-1 Rev Basic	Human Exploration and Operations	View Signed Agreement
771	27911	University of Florida	Nonreimbursable Space Act Agreement for Collaborative Research, Technology Transfer, Academic Engagement, and Outreach Activities	11/14/2018	11/14/2023	Non-Reimbursable	\$0	KSC	KCA-4572 Rev Basic	Human Exploration and Operations	View Signed Agreement
772	27649	SPACE EXPLORATION TECHNOLOGIES CORP	Annex No. 10 to Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for Use of Kennedy Space Center Capabilities	2/23/2018	11/17/2022	Reimbursable	\$1,024,572	KSC	KCA-4513-10 Rev Basic	Human Exploration and Operations	View Signed Agreement
773	27641	ASRC Federal Data Solutions	Fully Reimbursable Umbrella SAA between NASA and ASRC Federal Data Solutions for C3PW	2/26/2018	2/28/2023	Reimbursable	\$0	KSC	KCA-4559 Rev Basic	Institutional and Mission Support	View Signed Agreement
774	27639	UNITED LAUNCH ALLIANCE, LLC	Annex No. 1 to Fully Reimbursable SAA between United Launch Alliance, LLC and NASA for Use of Center Capabilities	2/22/2018	2/22/2023	Reimbursable	\$1,798,149	KSC	KCA-4556-1 Rev Basic	Human Exploration and Operations	View Signed Agreement

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775	27632	UNITED LAUNCH ALLIANCE, LLC	Fully Reimbursable SAA between United Launch Alliance, LLC and NASA for Use of Center Capabilities	2/22/2018	2/22/2023	Reimbursable	\$0	KSC	KCA-4556 Rev Basic	Human Exploration and Operations	View Signed Agreement
776	27587	SPACE FLORIDA, AN INDEPENDENT SPECIAL DISTRICT OF THE STATE OF FLORIDA	Annex No. 3 to Reimbursable Space Act Agreement with Space Florida for Use of Center Capabilities	2/19/2018	12/14/2022	Reimbursable	\$47,284	KSC	KCA-4548-3 Rev Basic	Institutional and Mission Support	View Signed Agreement
777	27565	SPACE FLORIDA, AN INDEPENDENT SPECIAL DISTRICT OF THE STATE OF FLORIDA	Annex No. 5 to Reimbursable Space Act Agreement with Space Florida for Use of Center Capabilities	2/13/2018	12/14/2022	Reimbursable	\$196,203	KSC	KCA-4548-5 Rev Basic	Institutional and Mission Support	View Signed Agreement
778	27564	SPACE FLORIDA, AN INDEPENDENT SPECIAL DISTRICT OF THE STATE OF FLORIDA	Annex No. 4 to Reimbursable Space Act Agreement with Space Florida for Use of Center Capabilities	2/13/2018	12/14/2022	Reimbursable	\$18,865	KSC	KCA-4548-4 Rev Basic	Institutional and Mission Support	View Signed Agreement
779	27509	SPACE FLORIDA, AN INDEPENDENT SPECIAL DISTRICT OF THE STATE OF FLORIDA	Annex No 9 to Reimbursable Space Act Agreement with Space Florida for Use of Center Capabilities	1/18/2018	12/14/2022	Reimbursable	\$28,739	KSC	KCA-4548-9 Rev Basic	Institutional and Mission Support	View Signed Agreement
780	27507	SPACE FLORIDA, AN INDEPENDENT SPECIAL DISTRICT OF THE STATE OF FLORIDA	Annex No. 6 to Reimbursable Space Act Agreement with Space Florida for Use of Center Capabilities	1/18/2018	12/14/2022	Reimbursable	\$225,699	KSC	KCA-4548-6 Rev Basic	Institutional and Mission Support	View Signed Agreement

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781	27506	SPACE FLORIDA, AN INDEPENDENT SPECIAL DISTRICT OF THE STATE OF FLORIDA	Annex No. 2 to Reimbursable Space Act Agreement with Space Florida for Use of Center Capabilities	1/18/2018	12/14/2022	Reimbursable	\$157,571	KSC	KCA-4548-2 Rev Basic	Institutional and Mission Support	View Signed Agreement
782	27290	UNIVERSITY OF DAYTON	Reimbursable Umbrella SAA between KSC and University of Dayton for Corrosion Testing	12/22/2017	12/22/2022	Reimbursable	\$0	KSC	KCA-4550 Rev Basic	Institutional and Mission Support	View Signed Agreement
783	27258	SPACE FLORIDA, AN INDEPENDENT SPECIAL DISTRICT OF THE STATE OF FLORIDA	Annex No. 1 to Reimbursable Space Act Agreement with Space Florida for Use of Center Capabilities (Utilities, Operations, and Integration Support)	12/15/2017	12/14/2022	Reimbursable	\$8,322,361	KSC	KCA-4548-1 Rev Basic	Institutional and Mission Support	View Signed Agreement
784	27257	SPACE FLORIDA, AN INDEPENDENT SPECIAL DISTRICT OF THE STATE OF FLORIDA	Reimbursable Space Act Agreement with Space Florida for Use of Center Capabilities	12/14/2017	12/14/2022	Reimbursable	\$0	KSC	KCA-4548 Rev Basic	Institutional and Mission Support	View Signed Agreement
785	26866	SPACE EXPLORATION TECHNOLOGIES CORP	Annex No. 8 to Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for Use of Kennedy Space Center Capabilities	12/2/2017	11/17/2022	Reimbursable	\$522,527	KSC	KCA-4513-8 Rev Basic	Human Exploration and Operations	View Signed Agreement
786	26865	SPACE EXPLORATION TECHNOLOGIES CORP	Annex No. 7 to Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for Use of Kennedy Space Center Capabilities	12/2/2017	9/30/2022	Reimbursable	\$5,670	KSC	KCA-4513-7 Rev Basic	Human Exploration and Operations	View Signed Agreement

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787	26861	SPACE EXPLORATION TECHNOLOGIES CORP	Annex No. 6 to Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for Use of Kennedy Space Center Capabilities	12/2/2017	11/17/2022	Reimbursable	\$213,705	KSC	KCA-4513-6 Rev Basic	Human Exploration and Operations	View Signed Agreement
788	26860	SPACE EXPLORATION TECHNOLOGIES CORP	Annex No. 5 to Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for Use of Kennedy Space Center Capabilities	12/2/2017	11/17/2022	Reimbursable	\$12,578,885	KSC	KCA-4513-5 Rev Basic	Human Exploration and Operations	View Signed Agreement
789	26859	SPACE EXPLORATION TECHNOLOGIES CORP	Annex No. 4 to Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for Use of Kennedy Space Center Capabilities	12/2/2017	11/17/2022	Reimbursable	\$3,443,268	KSC	KCA-4513-4 Rev Basic	Human Exploration and Operations	View Signed Agreement
790	26858	SPACE EXPLORATION TECHNOLOGIES CORP	Annex No. 3 to Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for Use of Kennedy Space Center Capabilities	12/2/2017	9/30/2022	Reimbursable	\$237,225	KSC	KCA-4513-3 Rev Basic	Human Exploration and Operations	View Signed Agreement
791	26857	SPACE EXPLORATION TECHNOLOGIES CORP	Annex No. 2 to Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for Use of Kennedy Space Center Capabilities	12/2/2017	11/17/2022	Reimbursable	\$715,420	KSC	KCA-4513-2 Rev Basic	Human Exploration and Operations	View Signed Agreement
792	26856	SPACE EXPLORATION TECHNOLOGIES CORP	Annex No. 1 to Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for Use of Kennedy Space Center Capabilities	11/17/2017	11/17/2022	Reimbursable	\$6,621,277	KSC	KCA-4513-1 Rev Basic	Human Exploration and Operations	View Signed Agreement

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793	26855	SPACE EXPLORATION TECHNOLOGIES CORP	Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for Use of Kennedy Space Center Capabilities	11/17/2017	11/17/2022	Reimbursable	\$0	KSC	KCA-4513 Rev Basic	Human Exploration and Operations	View Signed Agreement
794	24609	SEMINOLE COUNTY PUBLIC SCHOOLS	KCA-4517 Rev Basic, Nonreimbursable SAA between NASA KSC and the School Board of Seminole County, FL for High School Students United with NASA to Create Hardware (HUNCH) Program Participation	10/19/2017	10/19/2022	Non-Reimbursable	\$277,277	KSC	KCA-4517 Rev Basic	Education and/or Public Engagement	View Signed Agreement
795	37352	Radford University	NASA's Modeling and Simulation-Based Educator Professional Development (EPD) Workshop for High School Mathematics	9/19/2022	9/19/2023	Non-Reimbursable	\$16,467	LaRC	SAA1-32792, Annex 3	Aeronautics	View Signed Agreement
796	36958	Blue Origin, LLC	AEROCAPTURE TRADE STUDY - PHASE 1	6/28/2022	6/28/2023	Reimbursable	\$80,437	LaRC	SAA2-403403, Annex 8	Space Technology	View Signed Agreement
797	36945	AEROJET ROCKETDYNE, INC	CERAMIC MATRIX COMPOSITE DUCT FABRICATION AND TESTING	8/11/2022	8/11/2023	Reimbursable	\$43,595	LaRC	SAA1-36944, Annex 1	Aeronautics	View Signed Agreement
798	36944	AEROJET ROCKETDYNE, INC	COLLABORATIVE RESEARCH AND DEVELOPMENT IN THE AREA OF HYPERSONIC TECHNOLOGIES.	8/11/2022	8/11/2027	Reimbursable	\$0	LaRC	SAA1-36944	Aeronautics	View Signed Agreement

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799	36938	SIERRA NEVADA CORPORATION	THERMAL MODELING, ANALYSIS, AND TESTING SUPPORT	7/12/2022	7/12/2023	Reimbursable	\$233,527	LaRC	Task Plan 006 (36938)	Space Technology	View Signed Agreement
800	36935	VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY	Advanced Sensing for Urban Air Mobility and Intelligent Transportation Systems	8/30/2022	8/30/2024	Non-Reimbursable	\$110,500	LaRC	SAA1-36204-ANNEX 2	Aeronautics	View Signed Agreement
801	36891	Honeywell International Inc.	Implementation and Optimization of Conventional and Novel Acoustic Liner Concepts	7/1/2022	12/31/2023	Non-Reimbursable	\$26,488	LaRC	SAA1-36890, Annex 1	Aeronautics	View Signed Agreement
802	36890	Honeywell International Inc.	Exploration of acoustic liner technology to enable quieter aircraft	7/1/2022	6/30/2027	Non-Reimbursable	\$0	LaRC	SAA1-36890	Aeronautics	View Signed Agreement
803	36809	Oklahoma State University	Exploration of Thermoacoustic Stack Designs	7/11/2022	10/11/2023	Non-Reimbursable	\$13,376	LaRC	SAA1-36809	Aeronautics	View Signed Agreement
804	36790	Blue Origin, LLC	Forced Oscillation Testing of Blue Origin Fever Model	7/11/2022	1/11/2023	Reimbursable	\$83,457	LaRC	SAA2-403403, Annex 7	Space Technology	View Signed Agreement

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805	36718	Hexcel Corporation	Investigation of Novel Acoustic Liner Concepts	6/10/2022	6/10/2024	Non-Reimbursable	\$20,634	LaRC	SAA1-33328, Annex 2	Aeronautics	View Signed Agreement
806	36549	Paradigm Materials	Development of AERoBOND Materials Co-Cure Assembly of Composite Structures	5/26/2022	11/26/2023	Non-Reimbursable	\$141,864	LaRC	SAA1-36549	Aeronautics	View Signed Agreement
807	36476	TUFTS UNIVERSITY	INVESTIGATION OF SILK-BASED MATERIALS FOR SPACE APPLICATONS	4/26/2022	10/26/2023	Non-Reimbursable	\$13,434	LaRC	SAA1-36475-Annex 1	Space Technology	View Signed Agreement
808	36475	TUFTS UNIVERSITY	COLLABORATIVE RESEARCH, DEVELOPMENT, AND TESTING OPPORTUNITIES	4/26/2022	4/26/2027	Non-Reimbursable	\$0	LaRC	SAA1-36475	Space Technology	View Signed Agreement
809	36469	Raytheon Technologies Corporation	Design, Development, and Assessment of Noise Reduction Technology for Quiet Aircraft	6/22/2022	12/22/2023	Non-Reimbursable	\$34,882	LaRC	SAA1-36468, Annex 1	Aeronautics	View Signed Agreement
810	36468	Raytheon Technologies Corporation	Metamaterial-Based Acoustic Liner Design Methods	6/22/2022	6/21/2027	Non-Reimbursable	\$0	LaRC	SAA1-36468	Aeronautics	View Signed Agreement

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811	36451	Outpost Technologies Corporation	CONCEPTUAL DESIGN OF HIAD FOR REUSABLE SATELLITE	8/9/2022	9/30/2023	Reimbursable	\$413,737	LaRC	SAA1-36450-ANNEX 1	Space Technology	View Signed Agreement
812	36450	Outpost Technologies Corporation	DESIGN AND FABRICATION OF A HIAD TO ENABLE RETURN AND RECOVERY OF SATELLITES FOR REUSE	8/9/2022	8/9/2027	Reimbursable	\$0	LaRC	SAA1-36450	Space Technology	View Signed Agreement
813	36364	Air Force Research Laboratory	Measurements of supersonic flow on an elliptic cone	8/23/2022	10/23/2023	Non-Reimbursable	\$4,298	LaRC	IA1-36363, Annex 1	Aeronautics	View Signed Agreement
814	36363	Air Force Research Laboratory	Measurements of supersonic flow on an elliptic cone	8/23/2022	8/23/2027	Non-Reimbursable	\$0	LaRC	IA1-36363	Aeronautics	View Signed Agreement
815	36331	University of Arizona Applied Research Corporation	SPACE MIRROR APERTURE ASSEMBLY	5/23/2022	1/23/2024	Non-Reimbursable	\$54,458	LaRC	SAA1-36330-ANNEX 1	Space Technology	View Signed Agreement
816	36330	University of Arizona Applied Research Corporation	COLLABORATIVE RESEARCH, DEVELOPMENT, AND TESTING OPPORTUNITIES	5/23/2022	5/23/2027	Non-Reimbursable	\$0	LaRC	SAA1-36330	Space Technology	View Signed Agreement

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817	36327	The Longbow Group, LLC	Evaluation of Prognostic Services for Autonomous Air Vehicles in Urban Environments	4/29/2022	4/29/2025	Non-Reimbursable	\$457,165	LaRC	SAA1-34272, Annex 2	Aeronautics	View Signed Agreement
818	36302	Newport News Public School District	Fabrication of Wood Shipping Crates and Reduced Gravity Gloveboxes	3/22/2022	9/30/2026	Non-Reimbursable	\$34,268	LaRC	SAA1-36296, Annex 2	Space Technology, Education and/or Public Engagement	View Signed Agreement
819	36297	Newport News Public School District	Fabrication of Storage Lockers for the International Space Station (ISS)	3/17/2022	9/30/2026	Non-Reimbursable	\$34,268	LaRC	SAA1-36296, Annex 1	Space Technology, Education and/or Public Engagement	View Signed Agreement
820	36296	Newport News Public School District	High Schools United with NASA to Create Hardware (HUNCH) Program	3/17/2022	3/17/2027	Non-Reimbursable	\$0	LaRC	SAA1-36296	Space Technology, Education and/or Public Engagement	View Signed Agreement
821	36277	The Boeing Company	annex to Aerospace Research Technology, Development, Testing and Evaluation	5/24/2022	5/24/2026	Non-Reimbursable	\$539,092	LaRC	SAA1-33523, Annex 2	Aeronautics	View Signed Agreement
822	36205	VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY	CUBESAT COMPOSITE BOOM TECHNOLOGY DEMONSTRATION PROJECT	8/15/2022	9/30/2023	Non-Reimbursable	\$44,156	LaRC	SAA1-36204-Annex 1	Space Technology	View Signed Agreement

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823	36204	VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY	COLLABORATIVE RESEARCH, DEVELOPMENT, AND TESTING OPPORTUNITIES	8/15/2022	8/15/2027	Non-Reimbursable	\$0	LaRC	SAA1-36204	Space Technology	View Signed Agreement
824	36148	BLUE ORIGIN, LLC	Flight Testing of 3-D Imaging Flash Lidar Sensor for Safe Lunar Landing	4/5/2022	4/5/2023	Non-Reimbursable	\$156,676	LaRC	SAA1-36148	Space Technology	View Signed Agreement
825	36144	Sierra Nevada Corporation	Induced Loads and Environments Support for the ISS CRS2 Program	2/18/2022	9/30/2023	Reimbursable	\$60,890	LaRC	SAA1-36144	Space Technology	View Signed Agreement
826	36136	Honeybee Robotics, Ltd	Evaluation of Passive Lunar Dust Mitigation Materials in the PlanetVac Collection Chamber	4/18/2022	9/30/2023	Non-Reimbursable	\$25,777	LaRC	SAA1-36136	Space Technology	View Signed Agreement
827	36115	RAYTHEON COMPANY	BOLT and BOLT-Derivative Research Collaboration	5/6/2022	9/30/2024	Non-Reimbursable	\$737,395	LaRC	SAA1-36114, Annex 1	Aeronautics	View Signed Agreement
828	36114	RAYTHEON COMPANY	BOLT and BOLT-Derivative Research Collaboration	5/6/2022	5/6/2027	Non-Reimbursable	\$0	LaRC	SAA1-36114	Aeronautics	View Signed Agreement

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829	36078	ASTROBOTIC TECHNOLOGY, INC	Optical Precision Autonomous Landing (OPAL) Sensor Flight Tests	2/1/2022	2/8/2023	Reimbursable	\$161,920	LaRC	SAA8-1930516 - ANNEX 8	Space Technology	View Signed Agreement
830	36063	FLEXcon Company, Inc.	EVALUATION OF LUNAR DUST SIMULANT ADHESION ON ADVANCED COMMERCIAL MATERIALS	2/24/2022	2/24/2024	Non-Reimbursable	\$55,913	LaRC	SAA1-36063	Space Technology	View Signed Agreement
831	35974	BLUE ORIGIN, LLC	Collaboration on Systems Engineering Processes for Verification and Validation of Launch Vehicles Requirements	8/5/2022	8/5/2023	Non-Reimbursable	\$49,921	LaRC	SAA1-35974	Aeronautics	View Signed Agreement
832	35879	Textron Aviation, Inc.	Composite Aircraft Dynamic Material Response	1/15/2022	1/15/2024	Non-Reimbursable	\$119,278	LaRC	SAA1-35879	Aeronautics	View Signed Agreement
833	35811	Raytheon Technologies Intelligence and Space	ExoSPEAR Coherent Lidar Tracking System Upgrade	12/17/2021	10/17/2023	Reimbursable	\$68,112	LaRC	SAA1-35810, Annex 1	Space Technology	View Signed Agreement
834	35810	Raytheon Technologies Intelligence and Space	Optical Remote Sensing for Space Applications in Robotics and Surveillance	12/17/2021	12/17/2026	Reimbursable	\$0	LaRC	SAA1-35810	Space Technology	View Signed Agreement

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835	35777	Psionic, LLC	Subject Matter Expertise Support for Commercialization of Navigation Doppler Lidar Generation 4 Technology	12/13/2021	12/13/2022	Reimbursable	\$117,544	LaRC	SAA1-35776, Annex 1	Space Technology	View Signed Agreement
836	35776	Psionic, LLC	Space Technology Commercialization for Measurement and Materials Applications	12/13/2021	12/13/2026	Reimbursable	\$0	LaRC	SAA1-35776	Space Technology	View Signed Agreement
837	35643	North Carolina State University	Optimization, Multifunctionality, and Active Control of Deployable Composite Structures, Annex 1	1/28/2022	1/28/2026	Non-Reimbursable	\$2,352,564	LaRC	SAA1-35642, Annex 1	Space Technology	View Signed Agreement
838	35642	NORTH CAROLINA STATE UNIVERSITY	Optimization, Multifunctionality, and Active Control of Deployable Composite Structures	1/28/2022	1/28/2026	Non-Reimbursable	\$0	LaRC	SAA1-35642	Space Technology	View Signed Agreement
839	35630	Northrop Grumman Corporation	Freejet Demonstrator	3/30/2022	12/31/2022	Reimbursable	\$1,391,575	LaRC	SAA2-403514, Annex 3	Aeronautics	View Signed Agreement
840	35579	Aerojet Rocketdyne	NESC Collaboration on Additive Manufacturing Process Understanding	6/16/2022	6/16/2023	Non-Reimbursable	\$70,134	LaRC	SAA1-35579	Human Exploration and Operations	View Signed Agreement

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841	35566	University of Texas at El Paso	Evaluation of Additive Manufacturing Print Quality via Standardized Test Artifact	1/20/2022	1/20/2027	Non-Reimbursable	\$138,810	LaRC	SAA1-35566	Aeronautics	View Signed Agreement
842	35421	Federal Aviation Administration	annex to Sustainable and Scalable Advanced Air Mobility (AAM) Operations	12/3/2021	1/4/2026	Non-Reimbursable	\$752,758	LaRC	31919, Annex 2	Aeronautics	View Signed Agreement
843	35418	Blue Origin, LLC	New Glenn Launch Vehicle Flight Dynamics Assessment	12/10/2021	12/10/2022	Reimbursable	\$270,505	LaRC	SAA2-403403, Annex 5	Space Technology	View Signed Agreement
844	35362	The Boeing Company	ecoDemonstrator Emissions Testing	5/4/2022	5/4/2025	Non-Reimbursable	\$509,681	LaRC	SAA1-35361, Annex 1	Aeronautics	View Signed Agreement
845	35361	The Boeing Company	Aerospace Research Development	5/4/2022	5/4/2027	Non-Reimbursable	\$0	LaRC	SAA1-35361	Aeronautics	View Signed Agreement
846	35298	Velo3D Incorporated	NESC Collaboration on Additive Manufacturing Process Understanding	12/17/2021	12/17/2022	Non-Reimbursable	\$82,047	LaRC	SAA1-35298	Human Exploration and Operations	View Signed Agreement

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847	35097	Old Dominion University	Annex to Collaboration Research, Development, and Testing	8/19/2021	2/19/2023	Non-Reimbursable	\$9,027	LaRC	SAA1-34376, Annex 4	Aeronautics	View Signed Agreement
848	35070	Varda Space Industries	EDL Analysis Support	8/16/2021	8/16/2023	Reimbursable	\$139,290	LaRC	SAA1-35070	Space Technology	View Signed Agreement
849	35035	National Institute of Standards and Technology (NIST)	Verification of Software and Autonomous Systems	9/30/2021	9/30/2026	Non-Reimbursable	\$68,836	LaRC	IA1-35035	Aeronautics	View Signed Agreement
850	34962	Blue Origin, LLC	Hypersonic Aerophysics Support of Blue Origin Reusable Second Stage Project	8/30/2021	11/30/2022	Reimbursable	\$74,399	LaRC	SAA2-403403, Annex 3	Space Technology	View Signed Agreement
851	34858	Skydio, Inc.	Flight Testing and Integration of UAS for Autonomous Surveillance Inspection and Emergency Response Operations	9/9/2021	9/9/2023	Non-Reimbursable	\$204,568	LaRC	SAA2-403630, Annex 2	Aeronautics	View Signed Agreement
852	34769	idoodlEDU, inc	Support of the Cubes in Space Initiative	8/13/2021	8/13/2026	Non-Reimbursable	\$46,355	LaRC	SAA1-34769	Education and/or Public Engagement	View Signed Agreement

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853	34765	TEXAS A&M UNIVERSITY	COLLABRITIVE RESEARCH AND DEVELOPMENT IN THE AREA OF HYPERSONIC TECHNOLOGIES	1/18/2022	1/18/2024	Non-Reimbursable	\$385,882	LaRC	SAA1-34764, Annex 1	Aeronautics	View Signed Agreement
854	34764	TEXAS A&M UNIVERSITY	COLLABRITIVE RESEARCH AND DEVELOPMENT IN THE AREA OF HYPERSONIC TECHNOLOGIES	1/18/2022	1/18/2027	Non-Reimbursable	\$0	LaRC	SAA1-34764	Aeronautics	View Signed Agreement
855	34717	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	Self-Erectable Lunar Tower for Instrument (SELTi) Development	7/6/2021	7/6/2024	Non-Reimbursable	\$694,498	LaRC	SAA1-34717	Human Exploration and Operations, Space Technology	View Signed Agreement
856	34637	Tethers Unlimited, Inc.	Concept Studies for Low-Cost Debris Collection, Transportation, and In-Space Manufacturing & Assembly	9/28/2021	9/28/2023	Non-Reimbursable	\$89,948	LaRC	SAA1-34637	Space Technology	View Signed Agreement
857	34519	Federal Bureau of Investigation	Evaluation of Prognostic Services for Autonomous Air Vehicles in Urban Environments	7/8/2021	1/8/2023	Non-Reimbursable	\$62,003	LaRC	IA1-34519	Aeronautics	View Signed Agreement
858	34377	Old Dominion University	Visual Attention Allocation and Trust in Human-Autonomy Teaming	5/3/2021	5/3/2026	Non-Reimbursable	\$527,702	LaRC	SAA1-34376, Annex 1	Aeronautics	View Signed Agreement

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859	34376	Old Dominion University	Collaboration Research, Development, and Testing	5/3/2021	5/3/2026	Non-Reimbursable	\$0	LaRC	SAA1-34376	Aeronautics	View Signed Agreement
860	34298	Lehigh University	Mentoring for University Technical Entrepreneurship Program	4/28/2021	4/28/2023	Non-Reimbursable	\$5,371	LaRC	SAA1-34298	Aeronautics	View Signed Agreement
861	34288	Arizona State University	Investigation of Bio-Inspired Material Surfaces for Dust Mitigation in Space Applications	4/5/2021	4/5/2024	Non-Reimbursable	\$16,910	LaRC	SAA1-34287, Annex 1	Space Technology, Education and/or Public Engagement, Technology Transfer	View Signed Agreement
862	34287	Arizona State University	Collaborative Aerospace Research and Outreach	4/5/2021	4/5/2026	Non-Reimbursable	\$0	LaRC	SAA1-34287	Space Technology, Education and/or Public Engagement, Technology Transfer	View Signed Agreement
863	34272	The Longbow Group, LLC	Unmanned Systems Collaborative testing at Fort Monroe	4/12/2021	4/12/2026	Non-Reimbursable	\$0	LaRC	SAA1-34272	Aeronautics	View Signed Agreement
864	34241	MATERIALS RESEARCH AND DESIGN, INC	Carbon/Carbon Aeroshell Testing to Delay Hypersonic Boundary-Layer Transition	2/9/2022	9/30/2023	Non-Reimbursable	\$245,701	LaRC	SAA1-34241	Aeronautics	View Signed Agreement

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865	34215	Stevens Institute of Technology	Boundary Layer Measurements with Advanced Diagnostics	5/3/2021	9/30/2023	Non-Reimbursable	\$302,727	LaRC	SAA1-34215	Aeronautics	View Signed Agreement
866	33681	BNNT, LLC	annex to DEVELOPMENT AND OPTIMIZATION OF BORON NITRIDE NANOTUBES	10/1/2021	8/21/2024	Non-Reimbursable	\$94,999	LaRC	SAA1-30606, Annex 2	Space Technology	View Signed Agreement
867	33586	NAVAL SUBMARINE MEDICAL RESEARCH LABORATORY	RESEARCH ON WARFIGHTER PERFORMANCE	2/4/2022	2/4/2027	Non-Reimbursable	\$24,546	LaRC	IA1-33586	Aeronautics	View Signed Agreement
868	33524	The Boeing Company	Integration, Demonstration and Exploration of Autonomous Systems	2/7/2022	2/7/2025	Non-Reimbursable	\$215,012	LaRC	SAA1-33523, Annex 1	Aeronautics	View Signed Agreement
869	33523	The Boeing Company	Aerospace Research Technology, Development, Testing and Evaluation	2/7/2022	2/7/2027	Non-Reimbursable	\$0	LaRC	SAA1-33523	Aeronautics	View Signed Agreement
870	33356	OptoKnowledge Systems, Inc.	HYMETS TESTING USING REMOTE SPECTRAL SENSORS	1/4/2021	9/30/2023	Reimbursable	\$35,106	LaRC	SAA1-33356	Aeronautics	View Signed Agreement

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871	33328	Hexcel Corporation	Investigation of Manufacturing Techniques for Novel Acoustic Liners	9/15/2020	9/15/2025	Non-Reimbursable	\$0	LaRC	SAA1-33328	Aeronautics	View Signed Agreement
872	33323	The Governors School for Science and Technology	STEM Education Collaboration	9/24/2020	9/24/2023	Non-Reimbursable	\$49,366	LaRC	SAA1-33323	Education and/or Public Engagement	View Signed Agreement
873	33280	Federal Aviation Administration	annex to Non-Reimbursable Umbrella between NASA LARC and FAA for ADVANCED AIR MOBILITY ECOSYSTEM LABORATORY INTEGRATION	6/26/2019	6/26/2024	Non-Reimbursable	\$3,557,295	LaRC	SAA1-30149, Annex 3	Aeronautics	View Signed Agreement
874	33217	UNIVERSITY OF NOTRE DAME	Cone-Traverse Study and testing in the Langley Aerothermodynamics Laboratory	11/12/2020	9/30/2022	Non-Reimbursable	\$242,218	LaRC	SAA1-33217	Aeronautics	View Signed Agreement
875	33199	SkyCorp, Inc.	Skycorp Orbital Logistics Vehicle	3/1/2021	3/1/2026	Reimbursable	\$0	LaRC	SAA1-33199	Space Technology	View Signed Agreement
876	33115	National Institute of Aerospace	LABORATORY AND FACILITY USE FOR BNNT RESEARCH	10/1/2020	9/30/2022	Reimbursable	\$10,758	LaRC	SAA1-31764, Annex 3	Space Technology	View Signed Agreement

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877	32988	Texas A&M University	System-Wide Safety Research in Advanced Air Mobility (AAM)	3/16/2021	3/16/2026	Non-Reimbursable	\$328,412	LaRC	SAA1-32987, Annex 1	Aeronautics	View Signed Agreement
878	32987	Texas A&M University	Advanced Air Mobility Research and Testing	3/16/2021	3/16/2026	Non-Reimbursable	\$0	LaRC	SAA1-32987	Aeronautics	View Signed Agreement
879	32810	IKONICS Corporation	Evaluation of Facesheets with Variable Geometry	8/13/2020	10/13/2022	Non-Reimbursable	\$6,226	LaRC	SAA1-32809, Annex 1	Aeronautics	View Signed Agreement
880	32809	IKONICS Corporation	Investigation of Liner Facesheet Manufacturing Innovations	8/13/2020	8/13/2025	Non-Reimbursable	\$0	LaRC	SAA1-32809	Aeronautics	View Signed Agreement
881	32792	Radford University	Collaboration between NASA and Radford University's Modeling and Simulation Institute	8/3/2020	8/3/2025	Non-Reimbursable	\$0	LaRC	SAA1-32792	Education and/or Public Engagement	View Signed Agreement
882	32735	National Institute of Aerospace	Transition Prediction and Control for Blunt Hypersonic Configurations with Hemispherical and Ogival Nosetips	7/22/2020	3/31/2023	Reimbursable	\$12,630	LaRC	SAA1-31764, ANNEX 2	Aeronautics	View Signed Agreement

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883	32707	Lockheed Martin	Wind Tunnel Testing	4/12/2021	4/12/2026	Reimbursable	\$0	LaRC	SAA1-32707	Aeronautics	View Signed Agreement
884	32700	Worcester Polytechnic Institute	Research Collaboration between Worcester Polytechnic Institute and NASA Langley Research Center	7/20/2020	7/20/2025	Non-Reimbursable	\$65,084	LaRC	SAA1-32700	Aeronautics	View Signed Agreement
885	32663	Mississippi State University	Stitched/Resin-Infused Composites Material Characterization and Sub-Component Development	10/2/2020	2/22/2023	Non-Reimbursable	\$197,631	LaRC	SAA1-32662, Annex 1	Aeronautics	View Signed Agreement
886	32662	Mississippi State University	Cooperative Stitched Composite Structures Development and Characterization	10/2/2020	10/2/2025	Non-Reimbursable	\$0	LaRC	SAA1-32662	Aeronautics	View Signed Agreement
887	32651	JOHNS HOPKINS UNIVERSITY / APPLIED PHYSICS LAB	Dynamic Balance Proof of Concept Study	9/3/2020	12/31/2022	Non-Reimbursable	\$270,898	LaRC	SAA1-32651	Aeronautics	View Signed Agreement
888	32643	University of California San Diego	COLLABORATIVE AEROSPACE RESEARCH AND OUTREACH	11/17/2020	11/17/2025	Non-Reimbursable	\$0	LaRC	SAA1-32643	Space Technology	View Signed Agreement

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889	32601	Purdue University	COLLABORATIVE AEROSPACE RESEARCH AND OUTREACH	7/16/2020	7/16/2025	Non-Reimbursable	\$0	LaRC	SAA1-32601	Space Technology	View Signed Agreement
890	32576	Carnegie Mellon University	Carnegie Mellon University (CMU) Collaboration with NASA LaRC on the Research and Development of the Qualification of Additively Manufactured Parts	7/13/2020	7/13/2025	Non-Reimbursable	\$675,580	LaRC	SAA1-32576	Aeronautics	View Signed Agreement
891	32569	US Army Combat Capabilities Development Command	The Re-establishment of Vertical Lift Research Centers of Excellence	5/3/2021	5/3/2026	Non-Reimbursable	\$331,608	LaRC	IA1-32569	Aeronautics	View Signed Agreement
892	32550	US Naval Research Laboratory	NRL/NASA Yuma Acoustics Flight Test	9/3/2020	9/30/2022	Non-Reimbursable	\$218,171	LaRC	IA1-32550	Aeronautics	View Signed Agreement
893	32508	UNIVERSITY OF NORTH DAKOTA	Investigation of Novel Wear-Resistant Materials for Space Applications	7/24/2020	7/24/2023	Non-Reimbursable	\$39,258	LaRC	SAA1-32507-Annex 1	Space Technology	View Signed Agreement
894	32507	UNIVERSITY OF NORTH DAKOTA	Collaborative Aerospace and Research	7/24/2020	7/24/2025	Non-Reimbursable	\$0	LaRC	SAA1-32507	Space Technology	View Signed Agreement

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895	32449	L3HARRIS TECHNOLOGIES, INC.	Aerospace Research Development Testing and Evaluation Support	12/15/2020	12/15/2025	Reimbursable	\$0	LaRC	SAA1-32449	Aeronautics, Science	View Signed Agreement
896	32320	THE UNIVERSITY OF TEXAS AT SAN ANTONIO	Shock Wave Boundary Layer Interactions	11/19/2020	9/30/2024	Non-Reimbursable	\$328,711	LaRC	SAA1-32320	Aeronautics	View Signed Agreement
897	32298	THE VIRGINIA AIR AND SPACE CENTER AND CITY OF HAMPTON	A Joint Public Lecture Series Entitled The Sigma Series	7/30/2020	7/30/2025	Non-Reimbursable	\$105,598	LaRC	SAA1-32298	Education and/or Public Engagement	View Signed Agreement
898	32252	Blue Origin, LLC	Provide Forced Oscillation Testing in Transonic Dynamics Tunnel for the Blue Origin Crew Capsule	11/4/2020	7/13/2023	Reimbursable	\$161,777	LaRC	SAA2-403403, Annex 2	Space Technology	View Signed Agreement
899	32242	University of North Carolina at Chapel Hill	Mentoring for Commercializing Emerging Technologies Studies	8/10/2021	8/10/2026	Non-Reimbursable	\$9,313	LaRC	SAA1-32242	Technology Transfer	View Signed Agreement
900	32166	VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY	Air Quality Monitoring Site	8/13/2020	8/13/2025	Non-Reimbursable	\$47,380	LaRC	IA1-32166	Science	View Signed Agreement

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901	32091	INTEL CORPORATION	FABRICATION OF COPPER AND DIAMOND - COMPOSITE TEST SAMPLES	8/17/2021	10/31/2022	Reimbursable	\$95,000	LaRC	SAA1-32088-Annex 1	Space Technology	View Signed Agreement
902	32088	INTEL CORPORATION	Development of high thermal conductivity material for next generation processors	8/17/2021	8/17/2026	Reimbursable	\$0	LaRC	SAA1-32088	Space Technology	View Signed Agreement
903	32044	National Institute for Aviation Research- Wichita State University (niar)	Composites NDE standards library and database administration	4/24/2020	4/24/2025	Non-Reimbursable	\$23,548	LaRC	SAA1-32044	Aeronautics	View Signed Agreement
904	32036	Hermeus Corporation	Collaboration for Aerospace Research, Development and Testing	11/9/2020	11/9/2025	Non-Reimbursable	\$0	LaRC	SAA1-32036	Aeronautics	View Signed Agreement
905	31974	TEXAS A&M UNIVERSITY	Boundary Layer Turbulence (BOLT) Flight II Experiments	4/23/2021	9/30/2024	Non-Reimbursable	\$256,604	LaRC	SAA1-31974	Aeronautics	View Signed Agreement
906	31870	Federal Aviation Administration	Advanced Additive Manufacturing Technologies	5/7/2020	5/7/2025	Non-Reimbursable	\$0	LaRC	IA1-31870	Aeronautics	View Signed Agreement

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907	31765	National Institute of Aerospace	Novel Concepts for Transition Delay in Hypersonic Boundary Layers Support	7/17/2020	3/31/2023	Reimbursable	\$12,630	LaRC	SAA1-31764, Annex 1	Aeronautics	View Signed Agreement
908	31764	National Institute of Aerospace	RESEARCH, EDUCATIONAL OUTREACH, AND TESTING ACTIVITIES	7/17/2020	7/17/2025	Reimbursable	\$0	LaRC	SAA1-31764	Aeronautics, Science, Space Technology	View Signed Agreement
909	31663	THE SPACESHIP COMPANY	Collaboration to Commercialize High Mach Aircraft	3/20/2020	3/20/2025	Non-Reimbursable	\$0	LaRC	SAA1-31663	Aeronautics	View Signed Agreement
910	31409	ASX Composites	Co-Cure-Ply Materials Development	11/26/2019	11/30/2022	Non-Reimbursable	\$123,983	LaRC	SAA1-31409	Aeronautics	View Signed Agreement
911	31140	GENERAL ATOMICS AERONAUTICAL SYSTEMS, INC.	Evaluation of Acoustic Liners for Fan Noise Reduction	10/9/2019	10/9/2024	Reimbursable	\$0	LaRC	SAA1-31140	Aeronautics	View Signed Agreement
912	30831	U.S. Department of Defense	STATISTICAL ENGINEERING INFORMATION EXCHANGE	9/24/2021	9/24/2026	Non-Reimbursable	\$292,435	LaRC	IA1-30831	Institutional and Mission Support	View Signed Agreement

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913	30707	MOOG, INC	Autonomous Flight Control Development for Electric VTOL Vehicles	1/18/2020	12/31/2023	Non-Reimbursable	\$124,163	LaRC	SAA1-30706, Annex 1	Aeronautics	View Signed Agreement
914	30706	MOOG, INC	AEROSPACE RESEARCH TECHNOLOGY AND DEVELOPMENT	1/18/2020	1/18/2025	Non-Reimbursable	\$0	LaRC	SAA1-30706	Aeronautics	View Signed Agreement
915	30606	BNNT, LLC	DEVELOPMENT AND OPTIMIZATION OF BORON NITRIDE NANOTUBES	8/21/2019	8/21/2024	Non-Reimbursable	\$0	LaRC	SAA1-30606	Space Technology	View Signed Agreement
916	30498	National Oceanic and Atmospheric Administration	Utilizing Satellite and In-Situ Data to Address Environmental Issues and Improve Decision-making	9/1/2019	9/30/2024	Reimbursable	\$250,000	LaRC	IA1-30498 / NCEI-CDR-19-000	Science	View Signed Agreement
917	30411	Naval Information Warfare Center Atlantic	EMBEDDED PERSONNEL ASSIGNMENT TO NASA LANGLEY RESEARCH CENTER	10/5/2019	10/5/2022	Reimbursable	\$40,426	LaRC	IA1-30411	Space Technology	View Signed Agreement
918	30237	HRL Laboratories, LLC	Evaluation of Aerospace Coatings for Mitigation of Environmental Contaminants	9/30/2019	12/9/2022	Reimbursable	\$14,128	LaRC	SAA1-30237	Aeronautics	View Signed Agreement

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919	29851	Exothermics, Inc.	Thermochemical Response of UHT Hypersonic Leading-Edge Candidates	3/26/2019	9/30/2023	Reimbursable	\$70,000	LaRC	SAA1-29851	Aeronautics	View Signed Agreement
920	29707	Calspan-University at Buffalo Research Center	FREESTREAM MEASUREMENT TESTING	3/6/2019	9/29/2023	Non-Reimbursable	\$2,256	LaRC	SAA1-29707	Aeronautics	View Signed Agreement
921	29424	Williamsburg-James City County Public Schools	High School Students United With NASA to Create Hardware Program	2/6/2019	2/6/2024	Non-Reimbursable	\$0	LaRC	SAA1-29424	Science, Space Technology, Education and/or Public Engagement	View Signed Agreement
922	29215	Purdue University	Deployable Composite Sail Structure Materials Modeling Research	2/22/2019	9/30/2023	Non-Reimbursable	\$15,826	LaRC	SAA1-29213, Annex 2	Space Technology	View Signed Agreement
923	29213	Purdue University	Deployable Composite Solar Sail Structural Research	2/21/2019	2/21/2024	Non-Reimbursable	\$0	LaRC	SAA1-29213	Space Technology	View Signed Agreement
924	28789	Wichita State University	Acoustic and Aero Liner Research	10/1/2018	10/1/2023	Non-Reimbursable	\$0	LaRC	SAA1-28789	Aeronautics, Education and/or Public Engagement	View Signed Agreement

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925	28174	LOCKHEED MARTIN	Revolutionary Fabrication Methods and Materials Testing of Advanced Materials	7/17/2018	7/17/2023	Reimbursable	\$0	LaRC	SAA1-28174	Space Technology	View Signed Agreement
926	27921	Tech Center LLC	Cooperative Research Activities In Manufacturing Technologies	7/13/2018	7/13/2023	Reimbursable	\$0	LaRC	SAA1-27921	Technology Transfer	View Signed Agreement
927	27829	Boom Supersonic	Aerospace Research and Development	5/8/2018	5/8/2023	Reimbursable	\$0	LaRC	SAA1-27829	Aeronautics	View Signed Agreement
928	27785	George Mason University	Interatomic Potential Development for Molecular Dynamics Simulations	5/31/2018	5/31/2023	Non-Reimbursable	\$278,363	LaRC	SAA1-27785	Aeronautics, Science, Space Technology, Technology Transfer	View Signed Agreement
929	26728	Hyperloop Transportation Technologies	Research, Development, and Testing of Aerospace Technologies	1/30/2018	1/30/2023	Reimbursable	\$0	LaRC	SAA1-26728	Aeronautics	View Signed Agreement
930	25743	Air Force Research Laboratory	Annex to Research and Development of Aerospace Technologies with AFRL in the Area of Vehicle Verification and Validation Support	9/29/2018	2/2/2023	Non-Reimbursable	\$659,089	LaRC	IA1-23795, Annex 2	Aeronautics	View Signed Agreement

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931	25384	NORFOLK STATE UNIVERSITY	ADVANCED CAPABILITIES FOR AERONAUTICS RESEARCH AND GROUND FACILITY TESTING	11/13/2017	11/13/2022	Non-Reimbursable	\$273,295	LaRC	SAA1-25384	Science	View Signed Agreement
932	23795	Air Force Research Laboratory	Research and Development of Aerospace Technologies to Infuse Appropriate Technology into Important Applications	2/2/2018	2/2/2023	Non-Reimbursable	\$0	LaRC	IA1-23795	Aeronautics	View Signed Agreement
933	22217	Infrasonix-Inc	Infrasonix Stethoscope Evaluation Over Human Subjects	11/28/2017	11/28/2022	Reimbursable	\$0	LaRC	SAA1-22217	Technology Transfer	View Signed Agreement
934	37311	Ursa Major Technologies	annex to Rocket Engine Development Support	9/22/2022	9/22/2024	Reimbursable	\$53,302	MSFC	SAA8-1931298.4	Human Exploration and Operations	View Signed Agreement
935	37274	LOCKHEED MARTIN	Lockheed Martin Wind Tunnel Testing	8/18/2022	8/18/2023	Reimbursable	\$116,071	MSFC	SAA8-2134592.6	Institutional and Mission Support	View Signed Agreement
936	37199	Albertville High School	ALBERTVILLE HIGH SCHOOL / HIGH SCHOOLS UNITED WITH NASA TO CREATE HARDWARE (HUNCH) PROGRAM	8/17/2022	8/17/2027	Non-Reimbursable	\$77,626	MSFC	SAA8-2237199	Human Exploration and Operations	View Signed Agreement

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937	37108	BLUE ORIGIN, LLC	Annex 23 to Engineering Analysis and Testing	9/22/2022	2/7/2025	Reimbursable	\$2,495,619	MSFC	SAA-EA-20-29343.23	Human Exploration and Operations, Institutional and Mission Support	View Signed Agreement
938	37091	BLUE ORIGIN, LLC	Wind Tunnel Testing	8/18/2022	8/18/2023	Reimbursable	\$345,205	MSFC	SAA8-2237091.22	Institutional and Mission Support	View Signed Agreement
939	37044	Agile Space Industries	Engineering Support and Component Development	9/13/2022	9/13/2025	Reimbursable	\$15,560	MSFC	SAA8-2237043.1	Space Technology	View Signed Agreement
940	37043	Agile Space Industries	Development of Space Propulsion Systems	9/13/2022	9/13/2027	Reimbursable	\$0	MSFC	SAA8-2237043	Space Technology	View Signed Agreement
941	37002	BLUE ORIGIN, LLC	Annex to Engineering Analysis and Testing	8/29/2022	8/29/2023	Reimbursable	\$14,730	MSFC	SAA-EA-20-29343.20	Space Technology	View Signed Agreement
942	36979	Aerojet Rocketdyne	Critical Skills Development in Solid Propulsion with Aerojet Rocketdyne	9/12/2022	9/12/2023	Non-Reimbursable	\$157,429	MSFC	SAA8-2236864.1	Human Exploration and Operations	View Signed Agreement

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943	36962	Marshall Child Development Center, Inc.	Demand Services for the Marshall Child Development Center	7/15/2022	7/15/2027	Non-Reimbursable	\$1,424,462	MSFC	SAA8-2236962	Institutional and Mission Support	View Signed Agreement
944	36954	MicroLink Devices, Inc	Space Environmental Effects (SEE) on Solar Array Materials	7/25/2022	7/25/2024	Reimbursable	\$44,065	MSFC	SAA8-2236954	Institutional and Mission Support	View Signed Agreement
945	36951	Blue Origin Florida, LLC	annex to Production Implementation	8/2/2022	8/2/2024	Reimbursable	\$134,385	MSFC	SAA8-2032094.2	Institutional and Mission Support	View Signed Agreement
946	36913	SIERRA SPACE CORP	SUBSCALE SOFTGOODS CREEP TESTING	8/14/2022	8/14/2025	Reimbursable	\$2,164,163	MSFC	SAA8-2236912.1	Human Exploration and Operations	View Signed Agreement
947	36912	SIERRA SPACE CORP.	EXPLORATION AND COMMERCIAL LOW EARTH ORBIT (LEO) TECHNOLOGY DEVELOPMENT AND RISK REDUCTION ACTIVITIES	8/14/2022	8/14/2027	Reimbursable	\$0	MSFC	SAA8-2236912	Human Exploration and Operations	View Signed Agreement
948	36882	LOCKHEED MARTIN	annex to Exchange of Technical Expertise in Support of Deep Space Exploration	6/28/2022	6/28/2023	Reimbursable	\$200,011	MSFC	SAA8-2134592.4	Human Exploration and Operations	View Signed Agreement

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949	36872	Raytheon Technologies	RAYTHEON WIND TUNNEL TESTING	9/28/2022	9/28/2023	Reimbursable	\$211,654	MSFC	SAA8-2236871.1	Institutional and Mission Support	View Signed Agreement
950	36871	Raytheon Technologies	Raytheon Wind Tunnel Testing	9/28/2022	9/28/2027	Reimbursable	\$0	MSFC	SAA8-2236871	Institutional and Mission Support	View Signed Agreement
951	36864	Aerojet Rocketdyne	Critical Skills Development in Solid Propulsion with Aerojet Rocketdyne	9/12/2022	9/12/2024	Non-Reimbursable	\$0	MSFC	SAA8-2236864	Human Exploration and Operations, Institutional and Mission Support	View Signed Agreement
952	36844	Alabama A&M University	Tensile Test	9/12/2022	9/12/2024	Non-Reimbursable	\$59,057	MSFC	SAA8-2236843.1	Space Technology	View Signed Agreement
953	36843	Alabama A&M University	COLLABORATIVE AGREEMENT FOR SYNERGISTIC TECHNOLOGIES	9/12/2022	9/12/2027	Non-Reimbursable	\$0	MSFC	SAA8-2236843	Space Technology	View Signed Agreement
954	36787	EMBRY-RIDDLE AERONAUTICAL UNIVERSITY	Fireball Network Station at ERAU	7/6/2022	7/6/2027	Non-Reimbursable	\$1,540	MSFC	SAA8-2236787	Science, Education and/or Public Engagement, Institutional and Mission Support	View Signed Agreement

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955	36786	THE UNIVERSITY OF CENTRAL FLORIDA BOARD OF TRUSTEES	Fireball Network Station at UCF	7/21/2022	7/21/2027	Non-Reimbursable	\$2,571	MSFC	SAA8-2236786	Science, Education and/or Public Engagement, Institutional and Mission Support	View Signed Agreement
956	36726	Pivotal Space, Inc.	Integrated Launch Architecture Analysis	8/2/2022	8/2/2023	Reimbursable	\$24,798	MSFC	SAA8-2235062.2	Space Technology	View Signed Agreement
957	36708	BLUE ORIGIN, LLC	annex 13 to Engineering Analysis and Testing - Engine Materials and Processes Support	8/30/2022	2/8/2025	Reimbursable	\$640,146	MSFC	SAA-EA-20-29343.13	Institutional and Mission Support	View Signed Agreement
958	36701	BLUE ORIGIN, LLC	Blue Origin Hot Gas Testing of Materials @ Hot Gas Test Facility	9/29/2022	9/29/2023	Reimbursable	\$500,000	MSFC	SAA8-2236701.12	Institutional and Mission Support	View Signed Agreement
959	36700	BLUE ORIGIN, LLC	Blue Origin BE-7 10K LOX TPA	6/30/2022	6/30/2024	Reimbursable	\$2,723,390	MSFC	SAA8-202934.11	Institutional and Mission Support	View Signed Agreement
960	36699	BLUE ORIGIN, LLC	Blue Origin BE-7 10K LH2 TPA	6/30/2022	6/30/2024	Reimbursable	\$2,755,264	MSFC	SAA8-2236699.10	Institutional and Mission Support	View Signed Agreement

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961	36698	BLUE ORIGIN, LLC	Blue Origin TCA v3.0	6/30/2022	6/30/2024	Reimbursable	\$3,708,102	MSFC	SAA8-2236698.9	Institutional and Mission Support	View Signed Agreement
962	36614	BLUE ORIGIN, LLC	annex to Engineering Analysis and Testing	6/13/2022	6/13/2024	Reimbursable	\$73,004	MSFC	SAA8-2236614.8	Space Technology	View Signed Agreement
963	36606	BLUE ORIGIN, LLC	annex to Engineering Analysis and Testing	5/19/2022	5/19/2023	Reimbursable	\$31,431	MSFC	SAA8-2236606.7	Space Technology	View Signed Agreement
964	36602	RUAG Space USA, Inc	RUAG ISA QM2 Strain Gages Instrumentation	9/14/2022	9/14/2023	Reimbursable	\$1,820,003	MSFC	SAA8-1829459.5	Institutional and Mission Support	View Signed Agreement
965	36479	BLUE ORIGIN, LLC	annex to Exchange of Technical Expertise for commercial space transportation	6/10/2022	6/10/2023	Reimbursable	\$43,066	MSFC	SAA8-2235543.2	Aeronautics	View Signed Agreement
966	36322	The Academies at Jonesboro High School	THE ACADEMIES AT JONESBORO HIGH SCHOOL TO PRODUCE HARDWARE OR OTHER USEFUL PRODUCTS UNDER THE HIGH SCHOOLS UNITED WITH NASA TO CREATE HARDWARE (HUNCH) PROGRAM	3/29/2022	3/29/2027	Non-Reimbursable	\$80,282	MSFC	SAA8-2236322	Human Exploration and Operations	View Signed Agreement

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967	36321	Priceville High School	PRICEVILLE HIGH SCHOOL TO PRODUCE HARDWARE OR OTHER USEFUL PRODUCTS UNDER THE HIGH SCHOOLS UNITED WITH NASA TO CREATE HARDWARE (HUNCH) PROGRAM	4/12/2022	4/12/2027	Non-Reimbursable	\$80,282	MSFC	SAA8-2236321	Human Exploration and Operations	View Signed Agreement
968	36310	Dodge County High School	Dodge County School - Georgia / High Schools United with NASA to Create Hardware (HUNCH) Program	3/22/2022	3/22/2027	Non-Reimbursable	\$80,282	MSFC	SAA8-2236310	Human Exploration and Operations	View Signed Agreement
969	36307	Walker County School District by and through the Walker County Board of Education	Fireball Network Station at WCSD	4/15/2022	4/15/2027	Non-Reimbursable	\$1,429	MSFC	SAA8-2236307	Science, Education and/or Public Engagement, Institutional and Mission Support	View Signed Agreement
970	36164	BLUE ORIGIN, LLC	Annex for waterflow testing of scaled pump configurations in extreme environments	2/27/2022	2/27/2023	Reimbursable	\$725,283	MSFC	SAA8-1931648.2	Aeronautics	View Signed Agreement
971	36134	Lockheed Martin Space	Lockheed Martin Test @ HGF	6/10/2022	6/10/2023	Reimbursable	\$376,140	MSFC	SAA8-2032638.2	Institutional and Mission Support	View Signed Agreement
972	36122	KT Engineering Corporation	Air Force Aerospike Integration and Suborbital Experiment (ARISE) launch vehicle wind tunnel test	2/9/2022	2/5/2023	Reimbursable	\$89,488	MSFC	SAA8-2031673.5	Institutional and Mission Support	View Signed Agreement

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973	36010	RUAG Space USA, Inc	annex to Ruag Engineering Services	2/7/2022	2/6/2023	Reimbursable	\$36,794	MSFC	SAA8-1829459.4	Institutional and Mission Support	View Signed Agreement
974	35924	Astra Space Operations, Inc.	Collaboration on slosh mitigation via disruptive modal coupling	1/14/2022	1/13/2024	Reimbursable	\$109,344	MSFC	SAA8-2135923.1	Space Technology	View Signed Agreement
975	35923	Astra Space Operations, Inc.	Launch Vehicle Technology Development	1/14/2022	1/13/2027	Reimbursable	\$0	MSFC	SAA8-2135923	Space Technology	View Signed Agreement
976	35880	Google LLC	annex to THE DISCOVERY, ACCESS AND USE OF LARGE SCIENCE DATASETS	7/1/2022	7/1/2024	Non-Reimbursable	\$807,352	MSFC	SAA8-1930011.2	Science	View Signed Agreement
977	35704	ROCKET LAB USA, INC.	Design Development and Integration Consultation	3/16/2022	3/16/2025	Reimbursable	\$428,171	MSFC	SAA8-2135703.1	Human Exploration and Operations, Space Technology	View Signed Agreement
978	35703	Rocket Lab USA, Inc.	Exchange of Technical Expertise for Commercial Space Transportation	3/16/2022	3/16/2027	Reimbursable	\$0	MSFC	SAA8-2135703	Human Exploration and Operations, Space Technology	View Signed Agreement

List of Active Domestic Space Act Agreements Signed After July 31, 2017 Citing NASA's "Other Transactions Authority" under the Space Act (51 U.S.C. § 20113(e))
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ROW NO.	PAM ID NUMBER	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL ESTIMATED DOLLAR VALUE OF NASA RESOURCES	CENTER	CENTER TRACKING NUMBER (IF ANY)	EXPECTED AGENCY BENEFIT(S)	LINK TO SIGNED AGREEMENT
979	35669	Onyx Aerospace	Assessment of Generic Service Module - Phase 1	1/12/2022	1/11/2023	Reimbursable	\$94,791	MSFC	SAA8-2135668.1	Human Exploration and Operations	View Signed Agreement
980	35668	Onyx Aerospace	Multi-purpose Service Module Study	1/12/2022	1/11/2027	Reimbursable	\$0	MSFC	SAA8-2135668	Human Exploration and Operations	View Signed Agreement
981	35544	BLUE ORIGIN, LLC	Engines Development	4/21/2022	4/21/2024	Reimbursable	\$516,719	MSFC	SAA8-2235543.1	Institutional and Mission Support	View Signed Agreement
982	35543	BLUE ORIGIN, LLC	Exchange of Technical Expertise for commercial space transportation	4/21/2022	4/21/2027	Reimbursable	\$0	MSFC	SAA8-2235543	Institutional and Mission Support	View Signed Agreement
983	35509	Arizona Board of Regents, on Behalf of University of Arizona	Fireball Network Station at MMTO	2/24/2022	2/24/2027	Non-Reimbursable	\$2,125	MSFC	SAA8-2135509	Science, Education and/or Public Engagement, Institutional and Mission Support	View Signed Agreement
984	35508	Arizona Board of Regents on behalf of The University of Arizona	Fireball Network Station at MLO	2/7/2022	2/7/2027	Non-Reimbursable	\$1,485	MSFC	SAA8-2135508	Science, Education and/or Public Engagement, Institutional and Mission Support	View Signed Agreement

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985	35435	OCHSNER CLINIC FOUNDATION	Ochsner Clinic Foundation	11/1/2021	10/31/2026	Reimbursable	\$400,000	MSFC	SAA8-2135435	Human Exploration and Operations	View Signed Agreement
986	35423	KT Engineering Corporation	Thermal, CFD, and Acoustic analysis and support of the USAF ARISE Program	10/26/2021	10/25/2022	Reimbursable	\$44,144	MSFC	SAA8-2031673.4	Aeronautics	View Signed Agreement
987	35161	UNIVERSITY OF ALABAMA	COLLABORATIVE AGREEMENT FOR APPLIED EARTH SCIENCE	8/17/2022	8/17/2024	Non-Reimbursable	\$60,005	MSFC	SAA8-2235160.1	Science	View Signed Agreement
988	35160	UNIVERSITY OF ALABAMA	Earth Science and Space Exploration Technology Development	8/17/2022	8/17/2027	Non-Reimbursable	\$0	MSFC	SAA8-2235160	Science	View Signed Agreement
989	35130	NVIDIA Corporation	THE DISCOVERY, ACCESS AND USE OF LARGE SCIENCE DATASETS	2/8/2022	2/8/2024	Non-Reimbursable	\$807,352	MSFC	SAA8-2135129.1	Science	View Signed Agreement
990	35129	NVIDIA Corporation	THE DISCOVERY, ACCESS AND USE OF LARGE SCIENCE DATASETS	2/8/2022	2/8/2027	Non-Reimbursable	\$0	MSFC	SAA8-2135129	Science	View Signed Agreement

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991	35063	Pivotal Space, Inc.	SSTO TAN modeling and analysis	4/27/2022	4/27/2023	Reimbursable	\$90,123	MSFC	SAA8-2235062.1	Space Technology	View Signed Agreement
992	35062	Pivotal Space, Inc.	SSTO Thrust Augmented Nozzle Investigation	4/27/2022	4/27/2027	Reimbursable	\$0	MSFC	SAA8-2235062	Space Technology	View Signed Agreement
993	34963	Defense Advanced Research Projects Agency	DEMONSTRATION ROCKET FOR AGILE CISELUNAR OPERATIONS (DRACO)	11/4/2021	11/4/2026	Non-Reimbursable	\$52,584	MSFC	SAA8-2134963	Space Technology	View Signed Agreement
994	34821	NEW MEXICO STATE UNIVERSITY	Fireball Network Station at New Mexico State University	8/11/2021	8/11/2026	Non-Reimbursable	\$1,447	MSFC	SAA8-2134821	Science	View Signed Agreement
995	34742	Amazon Web Services, Inc.	annex to THE DISCOVERY, ACCESS AND USE OF LARGE SCIENCE DATASETS	1/4/2022	1/4/2024	Non-Reimbursable	\$807,352	MSFC	SAA8-1929988.3	Science	View Signed Agreement
996	34695	Vivace Corporation	Vivace Corporation Demand Services	6/16/2021	6/16/2026	Reimbursable	\$1,200,000	MSFC	SAA8-2134695	Human Exploration and Operations	View Signed Agreement

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997	34662	Adidas America, Inc	annex to COLLABORATION ON ADVANCED MATERIALS AND TECHNOLOGIES	1/31/2022	1/31/2023	Non-Reimbursable	\$53,965	MSFC	SAA-OA-20-32236.2	Human Exploration and Operations, Space Technology	View Signed Agreement
998	34614	Lusher Charter High School	Lusher Charter High School / High Schools United with NASA to Create Hardware (HUNCH) Program	9/14/2021	9/13/2026	Non-Reimbursable	\$77,585	MSFC	SAA8-2134614	Human Exploration and Operations	View Signed Agreement
999	34613	East Central High School - Mississippi	East Central High School - Mississippi / High Schools United with NASA to Create Hardware (HUNCH) Program	9/8/2021	9/8/2026	Non-Reimbursable	\$77,585	MSFC	SAA8-2134613	Human Exploration and Operations	View Signed Agreement
1000	34607	HUNTSVILLE CITY SCHOOLS	annex TO PRODUCE HARDWARE OR OTHER USEFUL PRODUCTS UNDER THE HUNCH (HIGH SCHOOLS UNITED WITH NASA TO CREATE HARDWARE) PROGRAM	6/16/2021	6/16/2026	Non-Reimbursable	\$77,585	MSFC	SAA8-2031925.3	Human Exploration and Operations	View Signed Agreement
1001	34593	LOCKHEED MARTIN	Deep Space Mission Modeling and Analysis	8/5/2021	8/5/2023	Reimbursable	\$83,855	MSFC	SAA8-2134592.1	Human Exploration and Operations, Space Technology	View Signed Agreement
1002	34592	LOCKHEED MARTIN	Exchange of Technical Expertise in Support of Deep Space Exploration	8/5/2021	8/5/2026	Reimbursable	\$0	MSFC	SAA8-2134592	Human Exploration and Operations, Space Technology	View Signed Agreement

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1003	34566	ABL Space Systems Company	ANNEX BETWEEN THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION GEORGE C. MARSHALL SPACE FLIGHT CENTER AND ABL SPACE SYSTEMS COMPANY FOR PROPULSION DEVELOPMENT	8/23/2021	8/23/2023	Reimbursable	\$48,461	MSFC	SAA8-2134565.1	Space Technology	View Signed Agreement
1004	34565	ABL Space Systems Company	REIMBURSABLE SPACE ACT UMBRELLA AGREEMENT BETWEEN THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION GEORGE C. MARSHALL SPACE FLIGHT CENTER AND ABL SPACE SYSTEMS COMPANY FOR PROPULSION DEVELOPMENT	8/23/2021	8/23/2026	Reimbursable	\$0	MSFC	SAA8-2134565	Space Technology	View Signed Agreement
1005	34561	LOCKHEED MARTIN	Lockheed Martin Test @ HGF	7/14/2021	7/14/2023	Reimbursable	\$362,535	MSFC	SAA8-2134560.1	Institutional and Mission Support	View Signed Agreement
1006	34560	LOCKHEED MARTIN	Exchange of Technical Expertise for commercial space transportation	7/14/2021	7/14/2026	Reimbursable	\$0	MSFC	SAA8-2134560	Human Exploration and Operations	View Signed Agreement
1007	34252	Innovative Rocket Technologies Inc.	IRocket Propulsion Technology Consultation Agreement	6/7/2021	6/7/2023	Reimbursable	\$100,000	MSFC	SAA8-2134251.1	Space Technology	View Signed Agreement
1008	34251	Innovative Rocket Technologies Inc.	IROCKET Propulsion Technology	6/7/2021	6/7/2026	Reimbursable	\$0	MSFC	SAA8-2134251	Space Technology, Technology Transfer	View Signed Agreement

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1009	34231	Beau Chene High School	Beau Chene High School - Louisiana / High Schools United with NASA to Create Hardware (HUNCH) Program	3/10/2021	3/10/2026	Non-Reimbursable	\$77,585	MSFC	SAA8-2134231	Human Exploration and Operations	View Signed Agreement
1010	34161	Amazon Web Services, Inc.	annex to THE DISCOVERY, ACCESS AND USE OF LARGE SCIENCE DATASETS	1/4/2022	1/4/2024	Non-Reimbursable	\$688,028	MSFC	SAA8-1929988.2	Science	View Signed Agreement
1011	34144	Iowa State University	Microwave Millimeter Wave Studies	9/28/2021	3/28/2023	Non-Reimbursable	\$19,374	MSFC	SAA8-2134143.1	Space Technology	View Signed Agreement
1012	34143	Iowa State University	Microwave Nondestructive Evaluation (NDE) Studies	9/28/2021	9/28/2026	Non-Reimbursable	\$0	MSFC	SAA8-2134143	Space Technology	View Signed Agreement
1013	34107	General Atomics	DRACO High Temperature Tie Rod Flow Testing	3/17/2022	3/17/2024	Reimbursable	\$269,061	MSFC	SAA8-2133900.4	Human Exploration and Operations, Space Technology	View Signed Agreement
1014	34106	General Atomics	DRACO High Temperature Fuel Column Testing	3/17/2022	3/17/2024	Reimbursable	\$147,814	MSFC	SAA8-2133900.3	Human Exploration and Operations, Space Technology	View Signed Agreement

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1015	34105	General Atomics	DRACO High Temperature Flow Channel Testing	3/17/2022	3/17/2024	Reimbursable	\$151,889	MSFC	SAA8-2133900.2	Human Exploration and Operations, Space Technology	View Signed Agreement
1016	34034	Career Academies of Decatur	Career Academies of Decatur for HUNCH Program	2/2/2021	2/2/2026	Non-Reimbursable	\$77,585	MSFC	SAA8-2134034	Human Exploration and Operations	View Signed Agreement
1017	34032	Hewitt-Trussville High School	Hewitt-Trussville High School / High Schools United with NASA to Create Hardware (HUNCH) Program	4/29/2021	4/29/2026	Non-Reimbursable	\$77,585	MSFC	SAA8-2134032	Human Exploration and Operations	View Signed Agreement
1018	33949	Brewer High School	Brewer High School for High Schools United with NASA to Create Hardware (HUNCH) Program	4/29/2021	4/29/2026	Non-Reimbursable	\$77,585	MSFC	SAA8-2133949	Human Exploration and Operations	View Signed Agreement
1019	33935	THE BOEING COMPANY	Boeing XSP Composite Tank	2/11/2021	2/11/2023	Reimbursable	\$1,002,919	MSFC	SAA8-2133935	Institutional and Mission Support	View Signed Agreement
1020	33901	General Atomics	DRACO High Temperature Component Testing	9/28/2021	9/28/2023	Reimbursable	\$101,889	MSFC	SAA8-2133900.1	Human Exploration and Operations, Space Technology	View Signed Agreement

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1021	33900	General Atomics	DRACO High Temperature Component Testing	9/28/2021	9/28/2026	Reimbursable	\$0	MSFC	SAA8-2133900	Human Exploration and Operations, Space Technology	View Signed Agreement
1022	33735	Textron Systems Corporation	Textron Systems Marine and Land Systems	12/8/2020	12/8/2022	Reimbursable	\$80,000	MSFC	SAA8-2133735	Human Exploration and Operations	View Signed Agreement
1023	33720	BK MANUFACTURING, INC	BK Manufacturing, Inc.	12/9/2020	12/9/2025	Reimbursable	\$525,000	MSFC	SAA8-2133720	Human Exploration and Operations	View Signed Agreement
1024	33696	Howe Industries LLC	Nuclear Thermal Propulsion System Development	12/14/2020	12/14/2025	Reimbursable	\$0	MSFC	SAA8-2033696	Space Technology	View Signed Agreement
1025	33671	Dade County Middle School	Dade County Middle School for High Schools United with NASA to Create Hardware (HUNCH) Program	1/6/2021	1/6/2026	Non-Reimbursable	\$77,585	MSFC	SAA8-2033671	Human Exploration and Operations	View Signed Agreement
1026	33670	Dade County High School	Dade County High School for High Schools United with NASA to Create Hardware (HUNCH) Program	1/6/2021	1/6/2026	Non-Reimbursable	\$67,643	MSFC	SAA8-2033670	Human Exploration and Operations	View Signed Agreement

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1027	33668	Maxwell High School of Technology	Maxwell High School of Technology for High Schools United with NASA to Create Hardware (HUNCH) Program	12/14/2020	12/14/2025	Non-Reimbursable	\$67,643	MSFC	SAA8-2033668	Human Exploration and Operations	View Signed Agreement
1028	33667	Franklin County High School	FRANKLIN COUNTY HIGH SCHOOL FOR HIGH SCHOOLS UNITED WITH NASA TO CREATE HARDWARE (HUNCH) PROGRAM	11/5/2020	11/5/2025	Non-Reimbursable	\$77,585	MSFC	SAA8-2033667	Human Exploration and Operations	View Signed Agreement
1029	33666	McDonald County High School	MCDONALD COUNTY HIGH SCHOOL FOR HIGH SCHOOLS UNITED WITH NASA TO CREATE HARDWARE (HUNCH) PROGRAM	12/1/2020	12/1/2025	Non-Reimbursable	\$77,585	MSFC	SAA8-2033666	Human Exploration and Operations	View Signed Agreement
1030	33662	Meade County High School	MEADE COUNTY HIGH SCHOOL FOR HIGH SCHOOLS UNITED WITH NASA TO CREATE HARDWARE (HUNCH) PROGRAM	11/5/2020	11/5/2025	Non-Reimbursable	\$77,585	MSFC	SAA8-2033662	Human Exploration and Operations	View Signed Agreement
1031	33654	Mt. Pleasant High School	Mt. Pleasant High School - Tennessee / High Schools United with NASA to Create Hardware (HUNCH) Program.	12/7/2020	12/7/2025	Non-Reimbursable	\$77,585	MSFC	SAA8-2033654	Human Exploration and Operations	View Signed Agreement
1032	33653	Dekalb County Technology Center	Dekalb County Technology Center for High Schools United with NASA to Create Hardware (HUNCH) Program	11/19/2020	11/19/2025	Non-Reimbursable	\$77,585	MSFC	SAA8-2033653	Human Exploration and Operations	View Signed Agreement

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1033	33652	Marshall County Technical School	Marshall County Technical School for High Schools United with NASA to Create Hardware (HUNCH) Program	11/30/2020	11/30/2025	Non-Reimbursable	\$77,585	MSFC	SAA8-2033652	Human Exploration and Operations	View Signed Agreement
1034	33651	Laurel High School	Laurel High School for High Schools United with NASA to Create Hardware (HUNCH) Program	12/15/2020	12/15/2025	Non-Reimbursable	\$77,585	MSFC	SAA8-2033651	Human Exploration and Operations	View Signed Agreement
1035	33647	Earnest Pruett Center of Technology	Earnest Pruett Center of Technology/High Schools United with NASA to Create Hardware (HUNCH) Program	3/24/2021	3/24/2026	Non-Reimbursable	\$77,585	MSFC	SAA8-2033647	Human Exploration and Operations	View Signed Agreement
1036	33646	McGavock High School	McGavock High School - Tennessee / High Schools United with NASA to Create Hardware (HUNCH) Program	3/17/2021	3/17/2026	Non-Reimbursable	\$77,585	MSFC	SAA8-2033646	Human Exploration and Operations	View Signed Agreement
1037	33645	LINCOLN COUNTY HIGH SCHOOL	Lincoln County High School - Tennessee / High Schools United with NASA to Create Hardware (HUNCH) Program	11/13/2020	11/13/2025	Non-Reimbursable	\$77,585	MSFC	SAA8-2033645	Human Exploration and Operations	View Signed Agreement
1038	33627	HUNTSVILLE CITY SCHOOLS	Huntsville City School for High Schools United with NASA to Create Hardware (HUNCH) Program - Jemison Annex	6/16/2021	6/16/2026	Non-Reimbursable	\$77,585	MSFC	SAA8-2031925.1	Human Exploration and Operations	View Signed Agreement

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1039	33577	Tellus Science Museum	Fireball Network Station at Tellus Science Museum	12/7/2020	12/7/2025	Non-Reimbursable	\$1,674	MSFC	SAA8-2033577	Science	View Signed Agreement
1040	33491	Venus Aerospace Corporation	Propulsion consultation to support design of novel thrust chamber concepts	3/1/2021	3/1/2023	Reimbursable	\$6,918	MSFC	SAA8-2033490.1	Human Exploration and Operations	View Signed Agreement
1041	33490	Venus Aerospace Corporation	Support design, development and testing of novel cryogenic engine concepts	3/1/2021	3/1/2026	Reimbursable	\$0	MSFC	SAA8-2033490	Human Exploration and Operations	View Signed Agreement
1042	33447	AST&Science, LLC	Spacecraft Component Testing	11/3/2020	11/3/2025	Reimbursable	\$0	MSFC	SAA8-2033447	Space Technology	View Signed Agreement
1043	33445	G-Space, Inc.	Thermophysical Properties Measurements of Fluoride Glass Materials	11/20/2020	9/30/2022	Reimbursable	\$69,715	MSFC	SAA8-2033444.1	Science	View Signed Agreement
1044	33444	G-Space, Inc.	THERMOPHYSICAL PROPERTIES MEASUREMENTS USING ELECTROSTATIC LEVITATION	11/20/2020	11/20/2025	Reimbursable	\$0	MSFC	SAA8-2033444	Science	View Signed Agreement

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1045	33295	Microsoft Corporation	THE DISCOVERY, ACCESS AND USE OF LARGE SCIENCE DATASETS	8/11/2021	8/11/2026	Non-Reimbursable	\$685,153	MSFC	SAA8-2133294.1	Science	View Signed Agreement
1046	33294	Microsoft Corporation	THE DISCOVERY, ACCESS AND USE OF LARGE SCIENCE DATASETS	8/11/2021	8/11/2026	Non-Reimbursable	\$0	MSFC	SAA8-2133294	Science	View Signed Agreement
1047	33021	RELATIVITY SPACE, INC.	Design and manufacturing review for rocket engine components	10/14/2020	10/14/2023	Reimbursable	\$45,056	MSFC	SAA8-2033020.1	Space Technology	View Signed Agreement
1048	33020	RELATIVITY SPACE, INC.	Rocket Engine Development and Test	10/14/2020	10/14/2025	Reimbursable	\$0	MSFC	SAA8-2033020	Space Technology	View Signed Agreement
1049	32805	UNIVERSITY OF ALABAMA	SAA8-2132804 Annex 1 In-situ resource utilization - lunar	2/1/2021	2/1/2023	Non-Reimbursable	\$43,752	MSFC	SAA8-2132804.1	Human Exploration and Operations	View Signed Agreement
1050	32804	UNIVERSITY OF ALABAMA	Space Exploration Technology Development	2/1/2021	2/1/2026	Non-Reimbursable	\$0	MSFC	SAA8-2132804	Human Exploration and Operations, Space Technology	View Signed Agreement

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1051	32788	X-Bow Launch Systems Inc.	COLLABORATION ON ENGINEERING TECHNOLOGIES FOR EARTH, LUNAR AND SPACE APPLICATIONS	1/19/2021	1/19/2026	Non-Reimbursable	\$0	MSFC	SAA8-2032788	Space Technology	View Signed Agreement
1052	32718	Methuselah Foundation	The Centennial Challenges Lunar Nutrition Challenge	8/28/2020	9/30/2024	Non-Reimbursable	\$1,314,936	MSFC	SAA8-2032718	Human Exploration and Operations	View Signed Agreement
1053	32638	Lockheed Martin Space	Exchange of Technical Expertise for commercial space transportation	6/24/2020	6/24/2025	Reimbursable	\$0	MSFC	SAA8-2032638	Human Exploration and Operations	View Signed Agreement
1054	32636	MILLENNIUM SPACE SYSTEMS, INC	Evaluate Orbital Trajectory of Flight Experiment	11/19/2020	11/19/2022	Non-Reimbursable	\$31,414	MSFC	SAA8-2032636	Space Technology	View Signed Agreement
1055	32551	ARCTIC SLOPE TECHNICAL SERVICES, INC.	Artificial intelligence computer software for space flight systems	9/28/2020	9/28/2025	Non-Reimbursable	\$0	MSFC	SAA8-2032551	Human Exploration and Operations	View Signed Agreement
1056	32353	Cullman Area Technology Academy	TO PRODUCE HARDWARE OR OTHER USEFUL PRODUCTS UNDER THE HIGH SCHOOLS UNITED WITH NASA TO CREATE HARDWARE (HUNCH) PROGRAM	9/23/2020	9/23/2025	Non-Reimbursable	\$72,338	MSFC	SAA8-2032353	Education and/or Public Engagement	View Signed Agreement

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1057	32156	Imperx, Inc.	Rugged Space Rated High Definition – Serial Data Interface (HD-SDI) Camera	5/11/2020	5/11/2023	Non-Reimbursable	\$239,458	MSFC	SAA8-2032156	Human Exploration and Operations	View Signed Agreement
1058	32094	Blue Origin Florida, LLC	Production Implementation	6/11/2020	6/11/2025	Reimbursable	\$0	MSFC	SAA8-2032094	Human Exploration and Operations	View Signed Agreement
1059	32069	KT Engineering Corporation	Annex to FASTRAC Powerpack Testing and Aerospike Nozzle Analysis in Support of USAF ARISE Program	3/24/2020	2/5/2023	Reimbursable	\$352,878	MSFC	SAA8-2031673.2	Aeronautics	View Signed Agreement
1060	31926	HUNTSVILLE CITY SCHOOLS	Huntsville City School for High Schools United with NASA to Create Hardware (HUNCH) Program - Grissom Annex	6/16/2021	6/16/2026	Non-Reimbursable	\$77,585	MSFC	SAA8-2031925.2	Human Exploration and Operations	View Signed Agreement
1061	31925	HUNTSVILLE CITY SCHOOLS	TO PRODUCE HARDWARE OR OTHER USEFUL PRODUCTS UNDER THE HUNCH (HIGH SCHOOLS UNITED WITH NASA TO CREATE HARDWARE) PROGRAM	6/16/2021	6/16/2026	Non-Reimbursable	\$0	MSFC	SAA8-2031925	Human Exploration and Operations	View Signed Agreement
1062	31862	ASTROBOTIC TECHNOLOGY, INC	Provide NASA expertise in lunar cargo transportation and landing technologies	6/4/2020	6/4/2023	Reimbursable	\$775,467	MSFC	SAA8-1930516.2	Human Exploration and Operations, Space Technology	View Signed Agreement

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1063	31673	KT Engineering Corporation	FASTRAC Powerpack Testing and Aerospike Nozzle Analysis in Support of USAF ARISE Program	2/5/2020	2/5/2023	Reimbursable	\$0	MSFC	SAA8-2031673	Aeronautics	View Signed Agreement
1064	31653	University of Louisiana at Lafayette	SAA8-2031653 Thermophysical Properties Testing in the Electrostatic Levitation Laboratory	10/19/2020	10/19/2025	Reimbursable	\$0	MSFC	SAA8-2031653	Human Exploration and Operations	View Signed Agreement
1065	31649	BLUE ORIGIN, LLC	Extreme Environment Testing and Evaluation of Material Properties	12/11/2019	12/11/2022	Reimbursable	\$5,000,000	MSFC	SAA8-1931648.1	Aeronautics	View Signed Agreement
1066	31648	BLUE ORIGIN, LLC	Extreme Environment Testing and Evaluation of Material Properties	12/11/2019	12/11/2024	Reimbursable	\$0	MSFC	SAA8-1931648	Aeronautics	View Signed Agreement
1067	31571	INTUITIVE MACHINES, LLC	Development of Lunar Lander Systems Technologies	3/19/2020	3/19/2025	Reimbursable	\$0	MSFC	SAA8-2031571	Space Technology	View Signed Agreement
1068	31535	ATK Launch Systems Inc.	Exchange of Technical Expertise for commercial space transportation	12/9/2019	12/9/2024	Reimbursable	\$0	MSFC	SAA8-1931535	Institutional and Mission Support	View Signed Agreement

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1069	31419	Unites States Air Force	Additive Construction Research	8/31/2021	8/31/2024	Non-Reimbursable	\$61,589	MSFC	SAA8-2031419	Human Exploration and Operations	View Signed Agreement
1070	31336	Florida Institute of Technology	Vision-Based Navigation for Formation Flight onboard ISS	1/16/2020	1/16/2023	Non-Reimbursable	\$170,172	MSFC	SAA8-1931336	Human Exploration and Operations, Space Technology	View Signed Agreement
1071	31298	Ursa Major Technologies	Rocket Engine Development Support	10/30/2019	10/30/2024	Reimbursable	\$0	MSFC	SAA8-1931298	Human Exploration and Operations, Space Technology	View Signed Agreement
1072	31239	Ball Aerospace & Technologies Corporation	Space Environmental Effects Testing and Material Characterization of Spacecraft Materials and Instruments	1/27/2020	1/27/2023	Reimbursable	\$0	MSFC	SAA8-1931239	Human Exploration and Operations, Science, Space Technology	View Signed Agreement
1073	31129	SPACE SYSTEMS LORAL, LLC	Space Environmental Effects Testing and Characterization of Material, Power, and Communication Systems	10/21/2019	10/21/2024	Reimbursable	\$0	MSFC	SAA8-1931129	Human Exploration and Operations	View Signed Agreement
1074	31098	U.S SPACE AND ROCKET CENTER	USSRC OPERATE AS MARSHALL SPACE FLIGHT CENTER OFFICIAL VISITOR CENTER	1/26/2021	1/26/2026	Non-Reimbursable	\$117,037	MSFC	SAA8-2031097.1	Education and/or Public Engagement	View Signed Agreement

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1075	31097	U.S SPACE AND ROCKET CENTER	ALABAMA SPACE SCIENCE EXHIBIT COMMISSION	1/26/2021	1/26/2026	Non-Reimbursable	\$0	MSFC	SAA8-2031097	Education and/or Public Engagement	View Signed Agreement
1076	30898	RHA Materials, LLC	Non-contact measurements of thermophysical properties of materials	11/30/2020	11/30/2025	Reimbursable	\$0	MSFC	SAA8-1930898	Science	View Signed Agreement
1077	30516	ASTROBOTIC TECHNOLOGY, INC	Engineering Analysis and development for Commercial Lunar Lander and Payload Services	1/27/2020	1/27/2025	Reimbursable	\$0	MSFC	SAA8-1930516	Space Technology	View Signed Agreement
1078	30233	BLUE ORIGIN, LLC	Blue Origin On Demand Services	7/9/2019	12/31/2023	Reimbursable	\$2,850,000	MSFC	SAA8-1830232.1		View Signed Agreement
1079	30232	BLUE ORIGIN, LLC	DEMAND SERVICES AND GENERAL SUPPORT TO TEST STAND 4670	7/9/2019	7/9/2024	Reimbursable	\$0	MSFC	SAA8-1830232	Institutional and Mission Support	View Signed Agreement
1080	30143	Cellco Partnership d/b/a Verizon Wireless	FOR OPERATION OF TELECOMMUNICATIONS EQUIPMENT IN BUILDING 4476	11/26/2019	11/26/2024	Reimbursable	\$141,961	MSFC	SAA8-1930143	Institutional and Mission Support	View Signed Agreement

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1081	30136	Interstellar Technologies Corporation	Propulsion Engineering Analysis, Consultation, Feasibility Studies and Space Vehicle Development Activities	9/18/2019	9/18/2024	Reimbursable	\$0	MSFC	SAA8-1930136	Human Exploration and Operations, Space Technology	View Signed Agreement
1082	30098	NEW CINGULAR WIRELESS PCS, LLC	Placement of Telecommunications antenna on building 4476	12/18/2019	12/18/2024	Reimbursable	\$119,927	MSFC	SAA8-1930098	Institutional and Mission Support	View Signed Agreement
1083	30011	Google LLC	THE DISCOVERY, ACCESS AND USE OF LARGE SCIENCE DATASETS	10/21/2019	10/21/2024	Non-Reimbursable	\$0	MSFC	SAA8-1930011	Science, Education and/or Public Engagement	View Signed Agreement
1084	29999	RUAG Space USA, Inc	RUAG Centaur V Structural Tests	9/10/2019	12/31/2023	Reimbursable	\$18,396,484	MSFC	SAA8-1829459.2	Space Technology	View Signed Agreement
1085	29988	Amazon Web Services, Inc.	THE DISCOVERY, ACCESS AND USE OF LARGE SCIENCE DATASETS	1/6/2020	1/6/2025	Non-Reimbursable	\$0	MSFC	SAA8-1929988	Science	View Signed Agreement
1086	29985	Massachusetts Institute of Technology	SPACE EXPLORATION TECHNOLOGY DEVELOPMENT IN MOTION MAGNIFICATION TECHNIQUES	5/28/2019	5/27/2024	Non-Reimbursable	\$67,372	MSFC	SAA8-1929985	Human Exploration and Operations	View Signed Agreement

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1087	29535	United Launch Alliance	ULA Integrated Fluid System Test (IFST)	6/6/2019	10/31/2022	Reimbursable	\$15,752,416	MSFC	SAA8-1726580.5	Institutional and Mission Support	View Signed Agreement
1088	29459	RUAG Space USA, Inc	Ruag Engineering Services	1/24/2019	1/24/2024	Reimbursable	\$0	MSFC	SAA8-1829459	Institutional and Mission Support	View Signed Agreement
1089	28500	OBERLIN COLLEGE	Fireball Network Station at Oberlin College	8/7/2018	8/7/2023	Non-Reimbursable	\$2,268	MSFC	SAA8-1828500	Science	View Signed Agreement
1090	28434	Spirit Aero Systems	Collaboration in Aeronautical Vehicle Manufacturing	4/25/2019	4/25/2024	Reimbursable	\$0	MSFC	SAA8-1828434	Human Exploration and Operations	View Signed Agreement
1091	28276	St. Bernard Sheriffs Department	St Bernard Sheriffs Department	7/12/2018	7/12/2023	Non-Reimbursable	\$2,932	MSFC	SAA8-1828276	Human Exploration and Operations	View Signed Agreement
1092	28013	CITY OF NEW ORLEANS, LA	City of New Orleans, LA Temporary Emergency Shelter for City Employees at MAF	3/28/2019	3/28/2024	Non-Reimbursable	\$137,705	MSFC	SAA8-1828013	Human Exploration and Operations	View Signed Agreement

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1093	27934	UNIVERSITY OF PITTSBURGH	Fireball Network Station at Allegheny Observatory	10/4/2018	10/4/2023	Non-Reimbursable	\$1,701	MSFC	SAA8-1827934	Science	View Signed Agreement
1094	27851	University of North Carolina at Greensboro	ENGINEERING COLLABORATION	11/13/2019	11/13/2022	Reimbursable	\$0	MSFC	SAA8-1927851	Human Exploration and Operations, Education and/or Public Engagement	View Signed Agreement
1095	27801	Hands-On Science Center	Fireball Network Station	5/31/2018	5/31/2023	Non-Reimbursable	\$1,701	MSFC	SAA8-1827801	Science	View Signed Agreement
1096	27799	HIRAM COLLEGE	Fireball Network Station at Hiram College	5/25/2018	5/25/2023	Non-Reimbursable	\$1,701	MSFC	SAA8-1827799	Science	View Signed Agreement
1097	27793	AEROJET ROCKETDYNE, INC	Engine System Material in Collaboration with the AR-22 Project	5/23/2018	5/23/2023	Non-Reimbursable	\$75,162	MSFC	SAA8-1827793	Human Exploration and Operations	View Signed Agreement
1098	27702	LOCKHEED MARTIN	WIND TUNNEL TESTING	5/22/2018	5/22/2023	Reimbursable	\$165,737	MSFC	SAA8-1827702	Space Technology	View Signed Agreement

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1099	27541	SIERRA NEVADA CORP	Design and manufacturing review for rocket engine components	6/11/2020	6/11/2023	Reimbursable	\$55,514	MSFC	SAA8-2027540.1	Human Exploration and Operations, Science	View Signed Agreement
1100	27540	SIERRA NEVADA CORPORATION	Rocket Engine Development and Test	6/11/2020	6/11/2025	Reimbursable	\$0	MSFC	SAA8-2027540	Human Exploration and Operations, Science	View Signed Agreement
1101	27478	Northeast Arkansas Career and Technical Center	Northeast Arkansas Career and Technical Center / High Schools United with NASA to Create Hardware (HUNCH) Program.	2/27/2018	2/27/2023	Non-Reimbursable	\$70,471	MSFC	SAA8-1827478	Human Exploration and Operations	View Signed Agreement
1102	27244	United Launch Alliance	ULA Vulcan Upper Stage Test	2/21/2018	10/31/2022	Reimbursable	\$25,661,522	MSFC	SAA8-1726580.3	Aeronautics	View Signed Agreement
1103	27194	Cimarron Composites	Cimarron Composites for Developing Advanced Technology For Engine Components	3/14/2018	3/14/2023	Reimbursable	\$0	MSFC	SAA8-1827194	Space Technology	View Signed Agreement
1104	26940	LOCKHEED MARTIN	Lockheed Martin Corporation Commercial	2/1/2018	12/31/2022	Reimbursable	\$4,821,767	MSFC	SAA8-1826940	Human Exploration and Operations	View Signed Agreement

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1105	26915	UNITED LAUNCH ALLIANCE	Aeroscience analysis of Vulcan vehicle operations	1/4/2018	1/4/2023	Reimbursable	\$0	MSFC	SAA8-1726915	Human Exploration and Operations	View Signed Agreement
1106	26805	DECATUR CITY SCHOOLS	Wide-field Meteor Network Station at Ben Davis Magnet Elementary School	1/19/2018	1/19/2023	Non-Reimbursable	\$11,295	MSFC	SAA8-1726805	Science	View Signed Agreement
1107	26656	AUBURN UNIVERSITY	SPACE EXPLORATION TECHNOLOGY DEVELOPMENT	11/8/2017	11/8/2022	Non-Reimbursable	\$0	MSFC	SAA8-1726656	Human Exploration and Operations, Space Technology	View Signed Agreement
1108	26604	Garland Independent School District	Annex 1 to High Schools United with NASA to Create Hardware (HUNCH) Collaboration - Garland Independent School District	11/27/2017	11/27/2022	Non-Reimbursable	\$64,786	MSFC	SAA8-1726603.1	Human Exploration and Operations	View Signed Agreement
1109	26603	Garland Independent School District	High Schools United with NASA to Create Hardware (HUNCH) Collaboration - Garland Independent School District	11/27/2017	11/27/2022	Non-Reimbursable	\$0	MSFC	SAA8-1726603	Human Exploration and Operations	View Signed Agreement
1110	26580	United Launch Alliance	Launch Vehicle Manufacturing and Test Support	10/31/2017	10/30/2024	Reimbursable	\$0	MSFC	SAA8-1726580	Human Exploration and Operations, Space Technology	View Signed Agreement

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1111	26082	Orbital Sciences Corporation, a wholly owned subsidiary of Orbital ATK	Cryogenically - Fueled Upper Stage Technologies	3/2/2018	3/2/2023	Reimbursable	\$0	MSFC	SAA8-1726082	Human Exploration and Operations	View Signed Agreement
1112	25325	United Technologies Corp	NASA MSFC requests Loan of Flight Qual Unit - CO2 Compressor and Controller	3/1/2018	3/1/2023	Non-Reimbursable	\$125	MSFC	SAA8-1725325	Human Exploration and Operations	View Signed Agreement
1113	36998	ROCKET CRAFTERS, INC.	Annex One to perform propulsion test services	7/12/2022	7/12/2023	Reimbursable	\$92,225	SSC	SSAA-1053-0199	Human Exploration and Operations	View Signed Agreement
1114	36997	ROCKET CRAFTERS, INC.	FOR PROPULSION ENGINEERING AND TESTING SUPPORT	7/12/2022	7/12/2027	Reimbursable	\$0	SSC	SSAA-1053-0198	Human Exploration and Operations	View Signed Agreement
1115	36269	ROLLS-ROYCE CORP	Annex Four to Provide Propulsion Test Engineering Assessments	3/4/2022	3/4/2023	Reimbursable	\$65,000	SSC	SSAA-1053-0195	Human Exploration and Operations	View Signed Agreement
1116	36006	INNOVATIVE IMAGING AND RESEARCH CORP	Reimbursable Space Act Agreement for Unmanned Aircraft Systems	2/9/2022	2/9/2027	Reimbursable	\$5,759	SSC	SSAA-1053-0194	Institutional and Mission Support	View Signed Agreement

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1117	35664	Ursa Major Technologies	Annex Two Ursa Major Propulsion Engineering and Test Support	12/2/2021	12/2/2023	Reimbursable	\$843,000	SSC	SSAA-1053-0191	Human Exploration and Operations	View Signed Agreement
1118	34726	United States Army Corps of Engineers (USACE) Mobile District	Non Reimbursable Agreement between NASA SSC and USACE	6/15/2021	6/15/2026	Non-Reimbursable	\$261,142	SSC	SSAA-1050-0210	Institutional and Mission Support	View Signed Agreement
1119	34292	LOUISIANA TECHNOLOGY TRANSFER OFFICE	Louisiana Transfer Technology Office for Occupancy of SSC Facilities	5/2/2021	5/2/2026	Reimbursable	\$12,778	SSC	SSAA-1051-0089	Institutional and Mission Support	View Signed Agreement
1120	34280	AEROJET ROCKETDYNE, INC	Reimbursable Space Act Agreement between The National Aeronautics and Space Administration John C. Stennis Space Center and Aerojet Rocketdyne of DE, Inc. for Occupancy of Facilities	9/29/2021	9/29/2026	Reimbursable	\$4,077,191	SSC	SSAA-1053-0182	Institutional and Mission Support	View Signed Agreement
1121	34212	Firehawk Aerospace, Inc.	Reimbursable Umbrella Agreement Firehawk Aerospace, Inc. for Rocket Propulsion Testing	3/25/2021	3/25/2023	Reimbursable	\$0	SSC	SSAA-1053-0185	Human Exploration and Operations	View Signed Agreement
1122	33910	Launcher Space	Annex Two for Propulsion Test Support to Launcher Space	1/27/2021	1/27/2023	Reimbursable	\$274,995	SSC	SSAA-1053-0181	Human Exploration and Operations	View Signed Agreement

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1123	33788	BLUE ORIGIN, LLC	Annex Seven to Blue Origin Umbrella Rocket Propulsion Testing and Related Services	9/9/2022	9/9/2023	Reimbursable	\$239,940	SSC	SSAA-1053-0200	Human Exploration and Operations	View Signed Agreement
1124	33761	Virgin Orbit	Annex Two to Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Virgin Orbit, LLC for Propulsion Test Support at SSC	11/23/2020	11/23/2022	Reimbursable	\$5,552,755	SSC	SSAA-1053-0180	Human Exploration and Operations	View Signed Agreement
1125	33619	BLUE ORIGIN, LLC	Annex Six to Blue Origin Umbrella, LOX Duct Flow Testing	12/8/2020	12/8/2022	Reimbursable	\$1,749,000	SSC	SSAA-1053-0179	Human Exploration and Operations	View Signed Agreement
1126	32234	INFINITY SCIENCE CENTER, INC	Annex Three to Non-Reimbursable Space Act Umbrella Agreement Infinity Science Center, Inc. for Framework on a Regional Partnership	7/7/2020	7/7/2025	Non-Reimbursable	\$37,450	SSC	SSAA-1053-0173	Institutional and Mission Support	View Signed Agreement
1127	32233	INFINITY SCIENCE CENTER, INC	Annex Two to Non-Reimbursable Space Act Umbrella Agreement Infinity Science Center, Inc. for Framework on a Regional Partnership	7/7/2020	7/7/2025	Non-Reimbursable	\$595,711	SSC	SSAA-1053-0172	Institutional and Mission Support	View Signed Agreement
1128	32181	INFINITY SCIENCE CENTER, INC	Annex One to Nonreimbursable Space Act Umbrella Agreement Between Infinity Science Center for Framework on a Regional Partnership	7/7/2020	7/7/2025	Non-Reimbursable	\$394,746	SSC	SSAA-1053-0171	Institutional and Mission Support	View Signed Agreement

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1129	32180	Infinity Science Center, Inc.	Non-Reimbursable Space Act Umbrella Agreement Infinity Science Center, Inc. for Framework on a Regional Partnership	7/7/2020	7/7/2025	Non-Reimbursable	\$0	SSC	SSAA-1053-0170	Institutional and Mission Support	View Signed Agreement
1130	32137	Launcher Space	Annex One Propulsion Test Support to Launcher Space	3/31/2020	3/31/2024	Reimbursable	\$1,362,023	SSC	SSAA-1053-0175	Human Exploration and Operations	View Signed Agreement
1131	32136	Launcher Space	Propulsion Test Support to Launcher Space	3/31/2020	3/31/2025	Reimbursable	\$0	SSC	SSAA-1053-0174	Human Exploration and Operations	View Signed Agreement
1132	31148	MISSISSIPPI STATE UNIVERSITY	Annex One for Use of Restricted Airspace at John C. Stennis Space Center	1/14/2020	11/20/2022	Reimbursable	\$9,771	SSC	SSAA-1051-0082	Aeronautics	View Signed Agreement
1133	31147	MISSISSIPPI STATE UNIVERSITY	Umbrella Agreement for Restricted Airspace at John C. Stennis Space Center	1/14/2020	1/14/2025	Reimbursable	\$0	SSC	SSAA-1051-0081	Aeronautics	View Signed Agreement
1134	30466	RELATIVITY SPACE, INC	Host Tenant Agreement Between National Aeronautics and Space Administration John C. Stennis Space Center and Relativity Space, Inc.	5/28/2019	5/28/2028	Reimbursable	\$0	SSC	SSAA-1053-0165	Institutional and Mission Support	View Signed Agreement

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1135	30052	Interstellar Technologies, LLC	Propulsion Engineering and Testing Support	5/6/2019	5/6/2024	Reimbursable	\$0	SSC	SSAA-1053-0162	Human Exploration and Operations	View Signed Agreement
1136	28381	State of Mississippi Technology Transfer Office	Use Permit Between National Aeronautics and Space Administration and State of Mississippi Technology Transfer Office	6/12/2018	4/19/2023	Reimbursable	\$0	SSC	SSAA-1051-0079	Institutional and Mission Support	View Signed Agreement
1137	28380	STATE OF MISSISSIPPI Technology Transfer Office	Host Tenant Agreement Between the National Aeronautics and Space Administration John C. Stennis Space Center and State of Mississippi Technology Transfer Office	6/12/2018	4/19/2023	Reimbursable	\$0	SSC	SSAA-1051-0078	Institutional and Mission Support	View Signed Agreement
1138	28334	BLUE ORIGIN, LLC	Blue Origin Umbrella Rocket Propulsion Testing and Related Services	6/29/2018	6/29/2023	Reimbursable	\$0	SSC	SSAA-1053-0154	Human Exploration and Operations	View Signed Agreement
1139	27516	STATE OF MISSISSIPPI	Use of NASA facilities and services in support of the Mississippi Technology Transfer Office	4/9/2018	4/19/2023	Reimbursable	\$3,000,000	SSC	SSAA-1051-0077	Technology Transfer	View Signed Agreement
1140	27333	THE BOEING COMPANY	Reimbursable Space Act Umbrella Agreement Between the National Aeronautics and Space Administration, John C. Stennis Space Center and the Boeing Company for engineering, propulsion test and related services	3/21/2018	3/21/2023	Reimbursable	\$0	SSC	SSAA-1053-0149	Human Exploration and Operations	View Signed Agreement

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1141	26430	Hancock County Mississippi	For Hancock County EOC Continuity Site	3/19/2018	3/19/2023	Non-Reimbursable	\$0	SSC	SSAA-1051-0068	Institutional and Mission Support	View Signed Agreement
1142	25760	The Board of Trustees of Mississippi Institutions of Higher Learning	The Center of Higher Learning and Related University Activities	11/29/2017	11/29/2022	Reimbursable	\$3,648,000	SSC	SSAA-1051-0066	Education and/or Public Engagement	View Signed Agreement
1143	36834	VIRGINIA SPACE FLIGHT ACADEMY	Outreach Activities	6/28/2022	6/27/2023	Non-Reimbursable	\$3,500	WFF	GSFC-22-36834	Education and/or Public Engagement	View Signed Agreement
1144	36437	Pluto Aerospace Inc.	Range Operational Support	4/20/2022	4/19/2023	Reimbursable	\$25,000	WFF	GSFC-22-36436	Science, Institutional and Mission Support	View Signed Agreement
1145	36436	Pluto Aerospace Inc.	Range Operational Support and Safety Review	4/20/2022	4/19/2027	Reimbursable	\$0	WFF	GSFC-22-36436	Science, Institutional and Mission Support	View Signed Agreement
1146	36427	ROCKET LAB USA	GSFC-21-32608 Rocket Lab Umbrella Agreement Annex 5 - Establishing Safety Certification for NASA Autonomous Flight Termination Unit (NAFTU) integrated on Rocket Lab hardware.	8/17/2022	8/16/2024	Reimbursable	\$100,000	WFF	GSFC-20-32608	Science, Institutional and Mission Support	View Signed Agreement

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1147	36338	Virginia Department of Health	Closed Points of Dispensing (POD) Provision of Emergency Medical Prophylaxis	7/21/2022	7/20/2027	Non-Reimbursable	\$4,500	WFF		Institutional and Mission Support	View Signed Agreement
1148	36050	GULFSTREAM AEROSPACE CORP	Provide Water Ingestion testing support to Gulfstream.	7/27/2022	7/26/2024	Reimbursable	\$368,142	WFF	GSFC-22-36049	Aeronautics, Institutional and Mission Support	View Signed Agreement
1149	36049	GULFSTREAM AEROSPACE CORP	Water Ingestion Testing	7/27/2022	7/26/2027	Reimbursable	\$0	WFF	GSFC-22-36049	Aeronautics, Institutional and Mission Support	View Signed Agreement
1150	36032	Kratos Space and Missile Defense Systems, Inc.	Range Operational and Safety Review	6/6/2022	6/5/2023	Reimbursable	\$25,000	WFF	GSFC-22-36031	Institutional and Mission Support	View Signed Agreement
1151	36031	Kratos Space and Missile Defense Systems, Inc.	Range Services	6/6/2022	6/5/2027	Reimbursable	\$0	WFF	GSFC-22-36031	Institutional and Mission Support	View Signed Agreement
1152	35977	Police Department of Baltimore City	Incident Response	6/21/2022	6/20/2027	Non-Reimbursable	\$4,500	WFF		Institutional and Mission Support	View Signed Agreement

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1153	35896	ROCKET LAB USA	Electron Concept of Operations (CONOPS) Study	2/4/2022	2/3/2024	Reimbursable	\$25,000	WFF	GSFC-20-32608	Institutional and Mission Support	View Signed Agreement
1154	35701	Astra Space Operations Incorporated	Range Operational and Safety Review	4/19/2022	4/18/2023	Reimbursable	\$25,000	WFF	GSFC-22-35700	Institutional and Mission Support	View Signed Agreement
1155	35700	Astra Space Operations Incorporated	Range Services	4/17/2022	4/16/2027	Reimbursable	\$0	WFF	GSFC-22-35700	Institutional and Mission Support	View Signed Agreement
1156	35581	Astra Space Operations Incorporated	Telemetry and Radar Support	11/4/2021	11/3/2023	Reimbursable	\$999,000	WFF	GSFC-22-35581	Institutional and Mission Support	View Signed Agreement
1157	35393	EMBRY RIDDLE AERONAUTICAL UNIVERSITY	Airglow Short-Wave Infrared (SWIR) Imager	10/18/2021	10/17/2023	Non-Reimbursable	\$26,000	WFF	GSFC-22-35393	Science	View Signed Agreement
1158	35336	ROCKET LAB USA	Annex 2 to Rocket Lab Autonomous Flight Termination System Support	10/5/2021	10/4/2023	Reimbursable	\$30,000	WFF	GSFC-21-32608	Science, Institutional and Mission Support	View Signed Agreement

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1159	35274	County of Accomack	Joint Emergency Planning, Response, and Management Activities at the Wallops Flight Facility	1/7/2022	1/6/2027	Non-Reimbursable	\$4,500	WFF		Institutional and Mission Support	View Signed Agreement
1160	34693	Old Dominion University	Annex 2 for Educational Collaboration Relating to STEM Careers	10/26/2021	5/3/2026	Non-Reimbursable	\$8,211	WFF	LaRC SAA1-34376	Education and/or Public Engagement	View Signed Agreement
1161	34256	Prince George`s County Health Department	Closed Points of Dispensing (POD) Provision of Mass Emergency Medical Prophylaxis	2/8/2022	2/7/2027	Non-Reimbursable	\$2,000	WFF		Institutional and Mission Support	View Signed Agreement
1162	34158	Eastern Shore Community College	Collaboration on Educational Opportunities	10/26/2021	10/25/2026	Non-Reimbursable	\$2,738	WFF	GSFC-21-34158	Education and/or Public Engagement	View Signed Agreement
1163	34157	Eastern Shore Community College	Collaboration to Facilitate Joint Research, Technology Development, and Educational Initiatives	10/26/2021	10/25/2026	Non-Reimbursable	\$0	WFF	GSFC-21-34158 NRSAA Umbrella	Education and/or Public Engagement	View Signed Agreement
1164	34097	JOHNS HOPKINS UNIVERSITY / APPLIED PHYSICS LAB	Use of the Wallops Geophysical Observatory (WGO) for the Collection of Scientific Data from Super Dual Auroral Radar Network (SUPERDARN)	7/19/2021	7/18/2026	Non-Reimbursable	\$25,441	WFF	GSFC-21-34097	Institutional and Mission Support	View Signed Agreement

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1165	34092	THE REGENTS OF THE UNIVERSITY OF COLORADO	Use of the Wallops Geophysical Observatory (WGO) for the Collection of Scientific Data from the Ionospheric Radar	7/2/2021	7/1/2026	Non-Reimbursable	\$25,441	WFF	GSFC-21-34092	Institutional and Mission Support	View Signed Agreement
1166	33612	Enroute Computer Systems	Wet Runway Brake Testing	8/30/2021	8/29/2024	Reimbursable	\$460,879	WFF	GSFC-21-33611	Aeronautics, Institutional and Mission Support	View Signed Agreement
1167	33611	Enroute Computer Systems	Airfield Testing and Support	8/30/2021	8/29/2026	Reimbursable	\$0	WFF	GSFC-21-33611	Aeronautics, Institutional and Mission Support	View Signed Agreement
1168	33594	ABL Space Systems	Range Operational Support and Safety	11/9/2021	11/8/2023	Reimbursable	\$25,854	WFF	GSFC-21-33320	Science, Space Technology, Institutional and Mission Support	View Signed Agreement
1169	33320	ABL Space Systems	Aerospike Engine Engineering and Operational Support	11/9/2021	11/8/2026	Reimbursable	\$0	WFF	GSFC-21-33320	Science, Space Technology, Institutional and Mission Support	View Signed Agreement
1170	33131	Salisbury University	Test Weather Station (MESONET) system for automated weather and environmental monitoring.	11/12/2020	11/11/2025	Non-Reimbursable	\$102,500	WFF	GSFC-20-33131	Science	View Signed Agreement

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1171	32609	ROCKET LAB USA	GSFC-21-32608 Rocket Lab Umbrella Agreement Annex 1 - Range and Safety Support to Rocket Lab Autonomous Flight Termination Unit (RLAFTU)	7/8/2021	7/7/2023	Reimbursable	\$278,540	WFF	GSFC-21-32608	Science, Space Technology	View Signed Agreement
1172	32608	ROCKET LAB USA	Range Services	7/8/2021	7/7/2026	Reimbursable	\$0	WFF	GSFC-21-32608	Science	View Signed Agreement
1173	32318	Blue Ridge Research and Consulting, LLC	Improving Rocket Launch Acoustic Models and Interpreting Raw Acoustical Data	5/1/2020	4/30/2025	Non-Reimbursable	\$27,290	WFF	GSFC-20-32318	Science	View Signed Agreement
1174	25541	Virginia Commercial Space Flight Authority	Operations and Activities for the Unmanned Aerial System Runway	1/9/2018	1/9/2023	Reimbursable	\$778,250	WFF	GSFC-17-25541	Aeronautics	View Signed Agreement
1175	36857	L3HARRIS TECHNOLOGIES, INC.	annex to Aerospace Research Development Testing and Evaluation Support	8/22/2022	8/21/2023	Reimbursable	\$101,390	WSTF	SAA1-32449	Human Exploration and Operations, Space Technology	View Signed Agreement
1176	36628	STELLAR EXPLORATION, INC	Testing, Analysis, Training, and Technical Expertise (Materials, Fluids, Components)	5/27/2022	5/26/2027	Reimbursable	\$696,657	WSTF	SAA-RA-22-36627-01	Human Exploration and Operations	View Signed Agreement

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1177	36627	STELLAR EXPLORATION, INC	Testing, Analysis, Training, and Technical Expertise (Materials, Fluids, Components)	5/27/2022	5/26/2027	Reimbursable	\$0	WSTF	SAA-RA-22-36627	Human Exploration and Operations	View Signed Agreement
1178	36453	Hypercomp Engineering Inc	Hypercomp Engineering Composite Overwrapped Pressure Vessel Damage Detection Training	7/11/2022	7/10/2027	Reimbursable	\$156,234	WSTF		Human Exploration and Operations	View Signed Agreement
1179	36411	WHA INTERNATIONAL, INC	Annex to WSTF Testing, Training, Analysis, and Technical Expertise (Materials, Fluids, Components)	6/22/2022	6/22/2023	Reimbursable	\$15,257	WSTF	SAA-RA-22-36170-02	Space Technology	View Signed Agreement
1180	36237	BLUE ORIGIN, LLC	Training	6/24/2022	6/23/2023	Reimbursable	\$210,691	WSTF	SAA-RA-22-36236-01	Human Exploration and Operations	View Signed Agreement
1181	36236	BLUE ORIGIN, LLC	WSTF Testing, Training Analysis, and Technical Expertise (Materials, Fluids, Components)	6/24/2022	6/23/2027	Reimbursable	\$0	WSTF	SAA-RA-22-36236	Human Exploration and Operations	View Signed Agreement
1182	36171	WHA INTERNATIONAL, INC	Component Testing, Goods, Services and Analysis	3/4/2022	3/4/2027	Reimbursable	\$699,995	WSTF	SAA-RA-22-36170-01	Human Exploration and Operations	View Signed Agreement

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1183	36170	WHA INTERNATIONAL, INC	WSTF Testing, Training, Analysis, and Technical Expertise (Materials, Fluids, Components)	3/4/2022	3/4/2027	Reimbursable	\$0	WSTF	SAA-RA-21-36170	Human Exploration and Operations	View Signed Agreement
1184	36163	AXIOM SPACE, LLC	Flight / Sensitive System Specialized Training	4/6/2022	4/6/2027	Reimbursable	\$670,253	WSTF	SAA-RA-22-36162-01	Human Exploration and Operations	View Signed Agreement
1185	36162	AXIOM SPACE, LLC	Testing, Training, Analysis, and Technical Expertise	4/6/2022	4/6/2027	Reimbursable	\$0	WSTF	SAA-RA-22-36162	Human Exploration and Operations	View Signed Agreement
1186	35722	B/E Aerospace, d.b.a. Collins Aerospace, a unit of United Technologies Corporation	Annex to Collins Aerospace Oxygen and COPV Testing, Analysis and Training Activities	3/2/2022	3/2/2025	Reimbursable	\$41,514	WSTF	SAA-RA-20-30648-02	Human Exploration and Operations	View Signed Agreement
1187	35608	Space Exploration Technologies Corp.	Particle Impact Testing	12/30/2021	12/30/2022	Reimbursable	\$76,382	WSTF	SAA-RA-21-35607-01	Human Exploration and Operations	View Signed Agreement
1188	35607	Space Exploration Technologies Corp.	WSTF Testing, Training, Analysis, and Technical Expertise (Materials, Fluids, Components).	12/30/2021	12/30/2026	Reimbursable	\$0	WSTF	SAA-RA-21-35607	Human Exploration and Operations	View Signed Agreement

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1189	34863	Northrop Grumman	Hypervelocity Testing in Support of Northrop Grumman (NG) Space Systems	8/30/2021	12/31/2022	Reimbursable	\$60,475	WSTF	SAA-RA-21-34863	Human Exploration and Operations	View Signed Agreement
1190	34796	Virgin Orbit, LLC	Composite Over-wrapped Pressure Vessel Damage Detection Visual Inspection Training	10/14/2021	10/14/2026	Reimbursable	\$423,485	WSTF	SAA-RA-21-34796	Human Exploration and Operations	View Signed Agreement
1191	34328	ZIN TECHNOLOGIES, INC	NASA-STD-2007-213740 Oxygen Compatibility Assessments / NASA-STD-6001 Flammability, Offgassing, and Compatibility Requirements	5/6/2021	5/6/2026	Reimbursable	\$184,831	WSTF	SAA-RA-21-34327-01	Human Exploration and Operations	View Signed Agreement
1192	34327	ZIN TECHNOLOGIES, INC	WSTF Testing, Training, Analysis, and Technical Expertise (Materials, Fluids, Components)	5/6/2021	5/6/2026	Reimbursable	\$0	WSTF	SAA-RA-21-34327	Human Exploration and Operations	View Signed Agreement
1193	34318	AEROJET ROCKETDYNE, INC	Post Boost Propulsion System (PBPS) Static Hot-fire Testing	7/20/2021	7/20/2025	Reimbursable	\$4,744,231	WSTF	SAA-RA-21-34318	Human Exploration and Operations	View Signed Agreement
1194	34307	ILC Dover LP	NASA-STD-2007-213740 Oxygen Compatibility Assessments / NASA-STD-6001 Flammability, Offgassing, and Compatibility Requirements	8/4/2021	8/4/2026	Reimbursable	\$818,467	WSTF	SAA-RA-21-34306-01	Human Exploration and Operations	View Signed Agreement

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1195	34306	ILC Dover LP	WSTF Testing, Training, Analysis, and Technical Expertise (Materials, Fluids, Components)	8/4/2021	8/4/2026	Reimbursable	\$0	WSTF	SAA-RA-21-34306	Human Exploration and Operations	View Signed Agreement
1196	34081	THE BOEING COMPANY	Annex 3 to Fabricate WSTF Designed Throat Plugs for R40B Thrusters	10/26/2021	9/13/2023	Reimbursable	\$93,299	WSTF	SAA-RA-18-28204-03	Institutional and Mission Support	View Signed Agreement
1197	33315	Northrop Grumman	Exposure and Mechanical Properties Testing of FEP Propellant Tank Diaphragm Material	10/8/2021	10/8/2023	Reimbursable	\$202,897	WSTF	SAA-RA-21-33315	Human Exploration and Operations	View Signed Agreement
1198	32676	THE BOEING COMPANY	STP3 R40b Hot Fire Testing	4/29/2021	12/31/2022	Reimbursable	\$5,894,558	WSTF	SAA-RA-20-32676	Human Exploration and Operations	View Signed Agreement
1199	32278	THE BOEING COMPANY	Perform R40b thruster testing, provide test data results and ship thrusters.	7/15/2020	9/13/2023	Reimbursable	\$679,302	WSTF	SAA-RA-18-28204-02	Human Exploration and Operations	View Signed Agreement
1200	31581	Infinite Composites Technologies	Annex for COPV Inspection and Evaluation	5/5/2020	5/5/2025	Reimbursable	\$420,799	WSTF	SAA-RA-20-31363-02	Human Exploration and Operations	View Signed Agreement

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1201	31520	Johnson and Johnson	Testing of N2O4 per MIL-PRF-26539G	2/26/2020	2/26/2023	Reimbursable	\$170,725	WSTF	SAA-RA-20-31520	Human Exploration and Operations	View Signed Agreement
1202	31364	Infinite Composites Technologies	NASA-STD-2007-213740 Oxygen Compatibility Assessments / NASA-STD-6001 Flammability, Offgassing, and Compatibility Requirements	5/5/2020	5/5/2025	Reimbursable	\$1,013,196	WSTF	SAA-RA-20-31363-01	Human Exploration and Operations	View Signed Agreement
1203	31363	Infinite Composites Technologies	WSTF Testing, Training, Analysis, and Technical Expertise (Materials, Fluids, Components)	5/5/2020	5/5/2025	Reimbursable	\$0	WSTF	SAA-RA-20-31363	Human Exploration and Operations	View Signed Agreement
1204	31188	Intuitive Machines, LLC	NASA Standards 6001B Testing	11/23/2020	11/23/2025	Reimbursable	\$1,013,196	WSTF	SAA-RA-20-31187-01	Human Exploration and Operations	View Signed Agreement
1205	31187	Intuitive Machines, LLC	WSTF Testing, Training, Analysis, and Technical Expertise (Materials, Fluids, Components)	11/23/2020	11/23/2025	Reimbursable	\$0	WSTF	SAA-RA-20-31187	Human Exploration and Operations	View Signed Agreement
1206	30649	B/E Aerospace, d.b.a.Collins Aerospace a unit of United Technologies Corporation	NASA-STD-6001 Flammability, Offgassing, Compatibility Testing and Training	3/31/2020	3/30/2025	Reimbursable	\$487,655	WSTF	SAA-RA-20-30648	Human Exploration and Operations	View Signed Agreement

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1207	30648	B/E Aerospace, d.b.a. Collins Aerospace, a unit of United Technologies Corporation	Collins Aerospace Oxygen and COPV Testing, Analysis and Training Activities	3/31/2020	3/30/2025	Reimbursable	\$0	WSTF	SAA-RA-20-30648	Human Exploration and Operations	View Signed Agreement
1208	29610	AS and D, LLC	NASA's Composite Overwrapped Pressure Vessel (COPV) Damage Detection Course (DDC)	2/4/2019	2/4/2024	Reimbursable	\$22,767	WSTF	SAA-RA-19-29610	Human Exploration and Operations	View Signed Agreement
1209	28204	THE BOEING COMPANY	Perform R40b thruster testing and provide test data results.	9/13/2018	9/13/2023	Reimbursable	\$0	WSTF	SAA-RA-18-28204	Institutional and Mission Support	View Signed Agreement
1210	22154	Celanese International Corporation	Celanese Chemical Division Process Enhancement Testing	11/7/2018	11/7/2023	Reimbursable	\$899,660	WSTF	SAA-RA-18-22154	Institutional and Mission Support	View Signed Agreement